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Massachusetts Horticultural Society

ANNUAL REPORT FOR THE YEAR 1920



BOSTON

NINETEEN HUNDRED AND TWENTY-ONE

MASSACHUSETTS HORTICULTURAL SOCIETY

1920.

Beginning with the year 1920 a change is made in the publications of the Society. Since 1874 the "Transactions" have been issued in two parts every year, with the exception of the years 1895, 1896, and 1897, when a third part was added containing a list of accessions to the library. Part 1 contained reports of lectures delivered before the Society and Part 2, the annual reports of the various officers and committees.

The necessity of a more prompt issue of the horticultural papers is recognized and the publication of the "Bulletin" renders it unnecessary to continue the former methods. It is now proposed to use the "Bulletin" for the horticultural papers and to publish an annual report containing the reports of officers and committees.

FRED A. WILSON, <i>Chairman</i>	Committee on Lectures and Publications.
THOMAS ALLEN	
JOHN K. M. L. FARQUHAR	
CHARLES S. SARGENT	

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CONTENTS

The Inaugural Meeting.	5
Report of the Board of Trustees	10
Report of the Committee on Prizes and Exhibitions	13
Report of the Committee on Plants and Flowers	15
Report of the Committee on Fruits	23
Report of the Committee on Vegetables	25
Report of the Committee on Children's Gardens	27
Report of the Committee on Lectures and Publications	28
Report of the Secretary and Librarian	29
Report of the Treasurer	32
The Annual Meeting	36
Necrology	38
Officers, Committees, and Members	41



Massachusetts Horticultural Society.

ANNUAL REPORT FOR THE YEAR 1920.

INAUGURAL MEETING.

The Inaugural Meeting of the Massachusetts Horticultural Society for the year 1920 was held at Horticultural Hall, Boston, on Saturday, January 10, at twelve o'clock, with President Endicott in the Chair.

The following Inaugural Address was delivered by the President:

INAUGURAL ADDRESS OF PRESIDENT ENDICOTT.

During the year the work of the Society has progressed along its usual lines. The coming year will, I trust, enable the Society to do work which will be of lasting value by giving ten exhibitions in which money prizes are offered; by distributing silver and bronze medals to children throughout the Commonwealth; by publishing Part II of the Catalogue; and by issuing Bulletins from time to time.

Our Trustees voted to hold, during the year 1920, only six exhibitions. For the great Orchid Show, to be held in March, prizes amounting to \$5000 have been offered, and an additional sum of \$2500 has been appropriated for the other five exhibitions. Through the generosity of a member of the Society, \$1000 has been offered for four exhibitions, which will be held during the summer months, making in all ten exhibitions. Among young people, interest in gardening has shown a tremendous increase, particularly since the war. In order that such interest may receive further encouragement, the Trustees, recognizing the importance of this work, have voted to distribute fifty silver and fifty bronze medals for the best gardens cultivated by children under eighteen years of

age, in various parts of the State. This plan appears to be an excellent one, as it is in the line of extending our influence.

The Library contains one of the largest and best collections of books in the world relating to horticulture and kindred subjects. These books are frequently consulted by students and specialists in the preparation of horticultural and agricultural publications. Members are free to withdraw books for home use. Upon request to the Librarian, books can be sent by mail postpaid, though when returned to the Library the borrower must pay expense of return, a privilege which is not used as often as one would expect.

The cataloguing of books has been done from time to time. The first catalogue of the Library, enumerating 190 volumes, was published in the New England Farmer, in 1831. Later lists of books were published at intervals until a catalogue in pamphlet form, enumerating 414 volumes, was issued in 1854. Another catalogue, enumerating 1290 volumes, was published in 1867, and a complete catalogue was printed in 1873, occupying 155 octavo pages. Since that time no complete catalogue has been printed.

In April 1919, an alphabetical list of authors and titles of the entire Library, enumerating some 22,000 volumes, was published and called Part I. Letters have been received from many persons in England and the United States commending this publication. One letter says: "It is a splendid bit of work beautifully turned out and owing to its comprehensiveness of infinite value to book collectors, students of horticultural literature, librarians and workers in horticulture generally." Another letter from the Royal Horticultural Society, of London, says: "This catalogue of the Library of your Society will be of very great value and interest to us and our large body of Fellows."

Part II, which is to be a classified arrangement of the same material contained in Part I under subject headings, is now ready for publication. As soon as it is possible to do so, the Trustees intend to publish this part. This should have been done at the time Part I was published, but owing to the disturbed condition of the printing trade and the increased cost of printing, the Trustees wisely felt that publication should be deferred until a more favorable time.

A new feature of the Society's work has been the publication of

Bulletins, two numbers of which have been issued. The object of the Bulletin is to present matters of interest concerning the activities of the Society and to stimulate a greater interest in its work. It is hoped during the present year to continue the publication of these Bulletins at more frequent intervals.

The first Bulletin contained a "Report on the Future Policy of the Society," signed by Messrs. Sargent, Farquhar, and Endieott, and "The Outlook for the Future," containing extracts from my inaugural address of last year. The second Bulletin contained suggestions in regard to "Membership" and facts relating to the "Library." I trust our members will seriously consider both these Bulletins, as they contain information and recommendations which, if carried out, would, I believe, enable us to increase our activities in many ways.

The Treasurer holds twenty-one funds, which have been given from time to time to the Society by various friends, either during their lifetime or by will, with restrictions as to the use and application of the income from the same. By reason of changed conditions, it is now practically impossible to apply the income of some half-dozen of these funds in strict accord with the terms of the deed of trust or bequest. The Trustees believe that in these cases it would accord with the intent and desire of the various givers to have some slight changes made in these restrictions in order that the income from the funds may be used for purposes very nearly akin to those originally provided for. By proper application to the Supreme Court in Equity, it is proposed to have the terms of these various gifts modified pursuant to the equitable doctrine known as "ey pres."

The George Robert White Medal of Honor for the year 1919 was awarded to Vilmorin-Andrieux & Company, the famous firm of French seedsmen and gardeners which has since 1780 been active under its present name in matters relating to agriculture and horticulture. A member of the fifth generation, in direct descent, of the Vilmorins is now at the head of the firm which, in its long career, has been successful with increasing productiveness of sugar beets, of wheat, and of many culinary vegetables, and has been largely responsible for the introduction into Europe of many important timber and ornamental trees as well as for the improvement of flowers.

I have received a letter, under date of January the ninth, 1920, from Mr. Albert Cameron Burrage, enclosing a check for \$1200, made payable to the Massachusetts Horticultural Society, the income of which is to be used for the purpose of promoting the cranberry industry in Massachusetts. The terms upon which this gift was given are as follows:

"I hereby give the Horticultural Society twelve hundred dollars with the request that its income be used from time to time for the purchase of gold medals to be awarded by the Society to those residents of Massachusetts, whether private individuals or public officials, who, in the judgment of the Trustees of this Society, or of committees appointed by them, have during a stated time, either by exhibition of cranberries, or cultivation of the cranberry vine, or scientific research, or technical writings, done the most for this industry."

Mr. Burrage has in his greenhouses at Beverly Farms, the largest collection of orchids in this country. In view of the great Orchid Exhibition, March 24th to 28th, he suggests that 1920 be made a memorable orchid year, and to arouse a still greater interest in orchid culture, Mr. Burrage will show the different orchid plants as they bloom in their season from month to month from January to December throughout the year. He will exhibit a large collection of flowering orchid plants at every scheduled exhibition and also on January 31st, February 28th, April 10th, October 9th and December 18th. It is desirable in connection with these exhibitions of orchids that other members of the Society should display interesting plants which will be recognized and rewarded by the Society.

Last year, in looking through our Act of Incorporation, approved June 12, 1829, I found that the Trustees were unable to lay and collect assessments on members of the Society in excess of two dollars per annum. I then urged, and I now urge, that the Trustees be given full power to decide from time to time as to what fees are to be levied upon life and annual members which would involve an amendment to our charter. In view of the fact that there is a certain amount of opposition to such a change, the Trustees have decided to do nothing at present. The members of the Society should be willing to pay a larger assessment, which would assist the Society financially, and enable us to extend our work. In

increasing admission fees and assessments, it might be advisable to give a year's notice of such proposed change. Annual payments for those who have already joined the Society should not be changed. The fee for life membership is now thirty dollars, which is lower than that of most other societies of equal standing and importance. Several Societies of late years have increased their fees. The Society of American Florists has raised its life membership fee from thirty to fifty dollars, and its annual fee from three to five dollars, and the life membership fee of the American Rose Society is fifty dollars.

At the beginning of 1919, the membership of our Society consisted of:

Honorary members	3
Corresponding members	42 45
<hr/>	
Life members	790
Annual members	195 985
<hr/>	

At the end of 1919, 51 new members (36 life and 15 annual) have been added, but as there has been a loss by death and discontinuance, of 34, our increase is only 17, or a total of 1002, the largest since 1876, when the membership was 1008. In the history of the Society, the largest membership was in 1871, when our members were 1035 in number. It is incredible to me that our membership is so small. Mr. Saltonstall stated in one of his addresses that there were, in 1914, 14,400 Fellows in the Royal Horticultural Society of London. It cannot be that there are so few people interested in horticulture throughout this Commonwealth. The more I think of it, the more I am convinced that the Massachusetts Horticultural Society is little known outside of Boston. The policy of the Society for years has been such that its interests and activities have been centered in Boston and its vicinity, to such an extent that little assistance or information or instruction upon horticultural or agricultural subjects has ever been given outside of this immediate neighborhood. Considering that the Horticultural Society is a state institution, free from Federal and State taxes, this policy, to say the least, is an unwise one.

The cause of horticulture can best be served at this time in Massa-

chusetts by an increase in our membership. I cannot urge too strongly upon our members the importance of helping the Trustees to increase the usefulness of the Society by obtaining new members from different parts of the Commonwealth, in order that we may have thousands instead of a thousand members. The fact that one member, who is neither a citizen of greater Boston, nor a Trustee, nor an officer of the Society, has obtained, during the past year twenty-two new members (fourteen life and eight annual), shows that it is possible, with proper inclination and energy to increase our membership. While we have added 51 new members this past year, this seems a small number when it is considered how many people there are who would be willing to become life or annual members if they were only approached in the right way.

At the conclusion of his address the President called for the annual reports of the officers and chairmen of the various committees for the previous year which were accepted and referred to the Committee on Publications.

After the business part of the meeting a large audience listened with much interest to an illustrated lecture by E. H. Wilson who described and pictured an account of his sixth journey to the Far East in search of plants for American Gardens.

REPORT OF THE BOARD OF TRUSTEES.

BY THE SECRETARY.

The Trustees have held six meetings during the year 1920 and a summary of the principal matters of business transacted is given herewith.

January 9. It was voted to accept the offer of Albert C. Burrage establishing a fund of \$1200 the income of which is to be awarded from time to time in gold medals for the promotion of the cranberry industry in Massachusetts.

At the April meeting it was voted to award the Society's Special Diploma to the Arnold Arboretum for its exhibit of Japanese azaleas

at the March Exhibition and also to Albert C. Burrage for his exhibit of orchids at the same show.

At the May meeting it was voted to hold a grand exhibition of roses and other plants in April, 1921, and an appropriation of \$6000 was made for prizes.

Other votes adopted were as follows:

That money prizes be offered during the year 1921 only at four exhibitions.

That the Librarian be authorized to print Part 2 of the Catalogue of the Library.

That the President appoint a special committee to revise the By-laws of the Society in order to establish more clearly the functions of the different committees and to report to the Board such changes as may be desirable.

At the October meeting it was voted to invite the American Rose Society, the American Peony Society, and the New England Gladiolus Society to hold their annual meetings and exhibitions of 1921 in connection with the exhibitions of the Massachusetts Horticultural Society.

At this meeting attention was called to the work of the Committee on Horticultural Quarantine and the necessity of raising a fund for its expenses. The object of this committee is to endeavor to secure some modification of the drastic regulations of Quarantine No. 37 which was discouraging the interest in horticulture and blocking its progress. An appropriation of \$2000 was voted for this purpose. An appropriation of \$1000, in addition to the income of the special prize funds of the Society, was made for four additional exhibitions during the year 1921.

At the December meeting Mr. Saltonstall reported on the matter of several of the special prize funds of the Society, the terms of which had become impracticable to fulfil in recent years. He had thus far been able by legal procedure to obtain modification of the Henry A. Gane Memorial Fund so that in future the income may be paid in prizes for chrysanthemums, preference to be given to varieties originated by the late Henry A. Gane. Also he had found that the Levi Whitecomb Bequest was originally given to the Society

without any conditions as to the use of the income therefrom and that the terms in force since the year 1870 were voted by the Society. He therefore recommended the repeal of these terms and to substitute in their place that the income be awarded hereafter in prizes for potatoes of superior quality, preference to be given to new varieties. The report of Mr. Saltonstall was approved and accepted.

The George Robert White Medal of Honor for the year 1920 was awarded to George Forrest of England for his work in the introduction of desirable garden plants from southwest China, and the Albert Cameron Burrage Medal for the promotion of the cranberry industry in Massachusetts was awarded to H. J. Franklin, of East Wareham, on account of his paper on "Cape Cod Cranberry Frosts."

The special committee appointed to nominate the standing committees of the Society for the year 1921 submitted the following list of nominations which was approved and accepted.

STANDING COMMITTEES FOR 1921.

Finanee:—Walter Hunnewell, Chairman, Richard M. Saltonstall, Edwin S. Webster.

Membership:—Thomas Allen, Chairman, William C. Endicott, Thomas Roland.

Prizes and Exhibitions:—Thomas Allen, Chairman, John K. M. L. Farquhar, Arthur Lyman, Thomas Roland.

Plants and Flowers:—Theophilus D. Hatfield, Chairman, Douglas Eccleston, S. J. Goddard, Julius Heurlin, William H. Judd, Donald McKenzie.

Fruits:—Fred A. Smith, Chairman, Walter H. Golby, Isaac H. Locke, James Methven, Edward B. Wilder.

Vegetables:—William N. Craig, Chairman, Edward Parker, William C. Rust, John L. Smith.

Gardens:—Albert C. Burrage, Chairman, John S. Ames, George E. Barnard, Charles W. Hoitt, Richard M. Saltonstall, Charles Sander.

Library:—Charles S. Sargent, Chairman, Ernest B. Dane, Nathaniel T. Kidder.

Lectures and Publications:— Fred A. Wilson, Chairman, Thomas Allen, John K. L. M. Farquhar, Charles S. Sargent.

Children's Gardens:— James Wheeler, Chairman, Dr. Harris Kennedy, Miss Eleanor W. Allen, Miss Marian R. Case, Miss Louisa Hunnewell, Miss Margaret A. Rand.

REPORT OF THE COMMITTEE ON PRIZES AND EXHIBITIONS.

BY THOMAS ALLEN, CHAIRMAN.

The history of this Society is being written and recorded from day to day and without encroaching upon the reports of other committees it can be said that never before in the whole history of the Society has an exhibition been staged comparable with the great exhibition of orchids and spring-flowering plants held March 24–28, 1920. It can be said further that never before has such a wonderful exhibition been seen anywhere.

The great feature which occupied the entire floor of the lecture hall was the exhibit of orchids by Albert C. Burrage. It was arranged to simulate natural conditions; the epiphytal species, or tree-growing orchids, attached to the bark of imitation tree trunks, and the terrestrial species, those generally found on the ground, displayed on moss-covered rocky banks.

The exhibition was called the Boston Orchid Show, although as a matter of fact prizes were offered in more than ninety different classes of spring-flowering plants and every class was filled.

The first impression — and it was one that lasted — was of bewildering profusion. The halls were so filled with wonderful things that there was little room left for the crowds of people who came to see them.

If the aphorism is true that “Flowers are most beautiful as seen growing in their natural surroundings” then the R. & J. Farquhar Company’s exhibit of Regal lilies and Kaempferi azaleas, plunged in earth and backed with a screen of evergreens, must be consid-

ered as one of the most successful. It was simple, attractive, and most effective.

Mr. Hunnewell's magnificent group of the Miss Louisa Hunnewell azalea was very effectively placed in the center of the large hall. It was arranged with an abundance of green foliaged plants in an irregular form of grouping and, on the whole, could not have been improved.

Nearby, Mrs. C. G. Weld's exhibit filled a corner with a mass of color that was carefully studied and harmoniously arranged. A touch of blue on the top gave a key-note that attracted the attention of everyone. Blue is a rare and precious color among flowers and this note of pure blue was the only one in the whole exhibition. It was criticized as being too conspicuous, but its rarity emphasized it and to most observers it seemed remarkably well placed.

One of the most charming features of the exhibition was Thomas Roland's beautifully arranged collection of acacias with its tracery of exquisite foliage and flowers.

In the center of this section, surrounded by Mr. Roland's acacias, was placed upon a slightly raised platform an exhibit such as one may see, possibly, once in a lifetime, the Kurume azaleas. The entry into the floral world of such a novelty, in such profusion, perfectly grown and flowered, was an event of first importance. The exquisite delicacy of form and color in these flowers is beyond words to describe.

From time to time criticisms have been made on the installation of some of the exhibitions of the Society. The question that arises is Why is not the grower often a good exhibitor? or, Why does he not install his exhibits to better advantage? One would naturally infer that a person who can produce the exquisite things that are shown in the halls would know what to do with them after he has produced them, and how to exhibit them to best advantage.

The answer to the question is a seeming paradox. The grower does not install his exhibit to best advantage because he loves his flowers, his creations, so well. He loves them all so well that he does not wish to give any one preëminence over another, and so, treating them all without prejudice, he tries to make each one occupy a dominant position in his exhibit. The result is a monotonous repetition of form and color values which inevitably sacrifices

the object he wishes to attain, that object being an effective ensemble.

The secret of good installation lies in the ability of the person making it to visualize the whole effect of his exhibit before it is installed. Then, if he is a person of cultivated taste and endowed with a highly sensitive color sense, success must follow.

These are simply suggestions given with the hope that the exhibitions may be so improved that visitors will feel inclined to believe that there was once on a time a Garden of Eden and that they have been privileged to see a small portion of it.

REPORT OF THE COMMITTEE ON PLANTS AND FLOWERS.

BY SAMUEL J. GODDARD, CHAIRMAN.

In presenting this report of the Committee on Plants and Flowers for the year 1920 there were so many outstanding features offered for judgment and recognition that we cannot do justice to the various exhibitors without giving them special mention.

The March Exhibition of Orchids and Other Plants brought out a wonderful collection of interesting plants of which orchids formed the conspicuous feature. There were 56 classes of orchids and 108 classes of other plants. The orchid exhibit of Albert C. Burrage which occupied the entire lecture hall alone contained 1500 plants. In addition to his exhibit Mr. Burrage distributed leaflets containing information on the orchid family and also showed many volumes from his library with colored plates of the different genera. The entire exhibit was an educational feature of great importance.

In addition to the March show Mr. Burrage made monthly exhibits of orchids showing the different species as they bloom in their season throughout the year. It was indeed a memorable orchid year. Other notable exhibits of orchids at this exhibition were Ernest B. Dane's superb collection of 12 varieties of Cypripediums of merit; Arthur N. Cooley's choice display of rare cut

blooms; and the many superb plants of rare genera shown by the Julius Roehrs Co.

The exhibit of the Kurume azaleas by the Arnold Arboretum was the largest display of these plants ever publicly exhibited in any part of the world. It comprised 49 named varieties a list of which with their names and colors is appended to this report. Also the R. & J. Farquhar Co.'s garden exhibit as mentioned in the report of the Committee on Prizes and Exhibitions is worthy of a second mention. Other noteworthy features of the March Exhibition were the groups of flowering acacias arranged by Thomas Roland; the flowering and foliage plants of Mrs. C. G. Weld; and the magnificent specimens of the Miss Louisa Hunnewell azalea, originated by Theophilus D. Hatfield, Superintendent of the Walter Hunnewell estate at Wellesley. Mr. Hatfield assures the committee that this beautiful plant is perfectly hardy. It is a welcome addition to our spring-flowering shrubs.

At the exhibition of May 15 a notable exhibit was made by Arthur Lyman of Waltham, George F. Stewart, gardener, of four varieties of *Calceolaria Stewarti*, including the most recent var. *Lymani*, a very rich velvety crimson of dwarf habit. All of the varieties of *Calceolaria* were raised by Mr. Stewart.

On June 19 J. T. Butterworth of Framingham exhibited a group of *Miltonia rexillaria*. It was admirably arranged against a background of hemlock branches. Roses were not exhibited to any extent at the Rose Exhibition, neither were peonies, but at the August Exhibition gladioli were shown in great numbers and proved that this flower is becoming increasingly popular in the outdoor garden. At this exhibition a magnificent specimen of *Dipladenia splendens* was shown by Arthur Lyman of Waltham, George F. Stewart, gardener. It was good to see this old favorite again in our exhibition and we hope to be favored with more of this type in the future.

A conspicuous feature of the November Exhibition was the display of 43 varieties of Winter Flowering begonias by Thomas E. Proctor of Topsfield, arranged by James Marlborough, gardener. It was a fine example of this comparatively new type of begonia in a beautiful variety of colors the art of the hybridizer is presenting to the world. The arrangement was faultless and the plants were grown to perfection.

The majority of the exhibitions of the year were not up to the usual standard of quality, no doubt caused in large measure by the very severe winter of 1919-1920, the shortage of coal, the lack of skilled labor, and a backward season. This however does not in any way pertain to the Spring Exhibition which was marvellous in its variety arrangement.

A list of the names and colors of the Kurume azaleas exhibited by the Arnold Arboretum at the exhibition of March 24-28, 1920. Prepared by Mr. Ernest H. Wilson:

No.	1.	SEIKAI	white, hose-in-hose
"	2.	KURENO-YUKI	white, hose-in-hose
"	3.	SHIN-SEIKAI	creamy white, hose-in-hose
"	4.	YOROZUYO	white
"	5.	NANI-WAGATA	white suffused with salmon-pink
"	6.	TANCHO	flesh-color, hose-in-hose
"	7.	HACHIKA-TSUGI	white suffused with lavender
"	8.	IROHAYAMA	white margined with pale lavender
"	9.	Hoo	white tinged with pink
"	10.	SUIYOHI	flesh-color
"	11.	TAKASAGO	pale pink, the color of apple-blossoms
"	12.	KASUMI-GASEKI	pale pink
"	13.	BIJINSUI	pale pink
"	14.	ASAGASUMI	rose-pink, hose-in-hose
"	15.	KIMIGAYO	pink
"	16.	AZUMA-KAGAMI	deep pink, hose-in-hose
"	17.	OSORAKU	white suffused and margined with lavender
"	18.	OTOME	blush pink
"	19.	AYA-KAMMURI	rose-color
"	20.	SHINTOKI-NO-HAGASANE	rose shading to pink, hose-in-hose
"	21.	SAOTOME	rose-color

No. 22.	KIRIN	deep rose shading to silvery rose
" 23.	TAMAFUYO	white striped peach-color
" 24.	KIRITSUBO	rosy mauve
" 25.	OMOINE	pale lavender
" 26.	OINO-MEZAME	deep rose-color
" 27.	KATSURA-No-HANA	rose-color
" 28.	SHIN-UTENA	pale salmon
" 29.	KUMO-No-UYE	pure salmon
" 30.	BENIFUDE	salmon
" 31.	SUGA-No-I TO	pure pink
" 32.	KASANE-KAGARIBI	dull salmon-red
" 33.	TSUTA-MOMIJI	bright red
" 34.	SUETSUMU	crimson
" 35.	FUDESUTE-YAMA	light red
" 36.	IMA-SHOJO	bright red, hose-in-hose
" 37.	RASHO-MON	scarlet
" 38.	WAKA-KAYEDE	red
" 39.	KURAI-No-HIMO	carmine, hose-in-hose
" 40.	AGEMAKI	carmine
" 41.	AOI	color of almond blossoms, hose-in-hose
" 42.	SAKURA-TSUKASA	rosy mauve
" 43.	TAMA-No-UTENA	pale salmon
" 44.	GOSH O-ZAKURA	white striped peach-color
" 45.	UKAMUSE	vermilion, hose-in-hose
" 46.	HINODE-No-TAKA	crimson
" 47.	OSARAKU SEEDLING	white suffused and margined with lavender
" 48.	HANA-ASOBI	red
" 49.	KOCHO-No-MAI	magenta

The following is a list of the principal awards made during the year:

GOLD MEDAL.

March 24. Julius Roehrs Co., group of orchid plants in bloom (for commercial growers only.)

" " A. C. Burrage, group of orchid plants in bloom (for private growers only).

March 24. A. C. Burrage, for comprehensive display of orchids.
 " " E. H. Wilson, for the introduction of Kurume azaleas.
 " " Charles Sander, for culture of Kurume azaleas.
 " " Thomas Roland, for display of acacias.
 " " Douglas Ecclestan, for arrangement of exhibit of orchids.
 May 15. A. C. Burrage, collection of Odontoglossums and Odontiodas.
 June 19. J. T. Butterworth, display and superior cultivation of *Miltonia vexillaria* varieties.
 September 25. A. C. Burrage, unique display of choice hybrid orchid plants in flower.
 November 6. T. E. Proctor, remarkable exhibit of 40 varieties of winter-flowering begonias.
 " " A. C. Burrage, display of 40 varieties of Cypripediums.
 December 18. " " " display of orchids.

APPLETON GOLD MEDAL.

June 26. T. C. Thurlow's Sons, Inc., for very comprehensive and exquisite display of peonies.
 August 14. G. F. Stewart, specimen *Dipladenia splendens profusa*.

SILVER MEDAL.

January 10. A. C. Burrage, *Laeliocattleya amabile* Orchidvale var. (L. c. "Fascinator \times C. speciosissima Stanleyi).
 " " E. B. Dane, *Cypripedium Maudiae magnificum* (C. callosum Sanderianae \times C. Lawrenceanum Hyeanum).
 " 17. A. W. Preston, Brassocattleya Patricia (B. c. *Thorntoni* \times B. e. *Veitchii*).
 " 31. J. T. Butterworth, *Cymbidium Miranda*.
 February 7. " " " *Cypripedium Vandyek*.
 March 24. Walter Hunnewell, *Rhododendron Miss Louisa Hunnewell*.
 " " " " *Rhododendron formosum*.
 " " James Marlborough, superior cultivation of hybrid perpetual roses.
 " " John H. Dunlop & Son, Ltd., new Rose Frank W. Dunlop.
 " " Julius Roehrs Co., *Cattleya speciosissima Empress*.
 " " J. T. Butterworth, *Dendrobium Wardianum album*.
 " " E. B. Dane, *Sophrocattleya Thwaitesii*.
 " " Thomas Roland, display of orchids.
 " " R. & J. Farquhar Co., display of *Lilium regale* and *Rhododendron Kaempferi*.
 " " Strouts Inc., Carnation Maine Sunshine.
 " " Faulkner Farm, display of *Camellia japonica*.
 " " Joseph Manda Co., *Cattleya Schroderae* var. Oliver Lines.
 " " Penn, The Florist, display of cut flowers.
 " " Houghton Gorney Co., " " " "

April 10. J. T. Butterworth, hybrid *Odontoglossum Wilkeanum* (*Wilkeanum* \times *gloriosum*).
 " " A. C. Burrage, *Odontioda* Mrs. H. L. Chalifoux.
 " " " " Sophrolaeliocattleya Anzac.

May 15. G. F. Stewart, *Calcolaria Stewarti Lymani*.

June 5. T. D. Hatfield, seedling rhododendrons.
 " 19. A. C. Burrage, superior cultivation of *Cattleya Mossiae*.
 " 26. Blue Hill Nurseries, *Thuya occidentalis* var. Gwynn.
 " " " " collection of evergreens.
 " " " " best display of hardy herbaceous flowers.

July 10. " " " collection of Astilbes.

August 14. A. C. Burrage, *Brassocattleya Ilene* (B. c. Mme. C. Maron \times *C. Dowiana*).

September 11. A. C. Burrage, group of *Vanda Sanderiana*.
 " " J. K. Alexander, comprehensive display of dahlias.
 " " Fottler, Fiske, Rawson Co., artistic display of dahlias and gladioli.
 " " A. N. Cooley, *Cattleya Thebes* var. *Britannia*.

November 6. Strouts, Inc., Carnation Maine Sunshine.

December 18. E. B. Dane, *Cypripedium Lawrebel* var. Mrs. E. B. Dane.
 " " A. C. Burrage, *Cattleya Trianae* var. A. C. Burrage.

BRONZE MEDAL.

March 24. Caplan, The Florist, display of cut flowers.
 " " The Beacon Florist, " " "
 " " H. R. Comley, " " "
 " " J. J. O'Brien, " " "

FIRST CLASS CERTIFICATE OF MERIT.

January 17. E. B. Dane, *Cypripedium Minos Youngii* (*C. Arthurianum* \times *C. Spicerianum*).
 " " E. B. Dane, *Cypripedium Juno* (*C. callosum* \times *C. Fairrieanum*).

March 24. Arnold Arboretum, for Kurume azaleas.
 " " " " *Rhododendron mucronatum sekidera*.
 " " A. N. Pierson, Inc. Carnation Hope Henshaw.
 " " Walter Hunnewell, *Rhododendron Davidsonianum*, new Chinese species.
 " " Charles Sander, *Rhododendron indicum* var. *balsaminaeflorum*.
 " " J. A. Peterson, Begonia Peerless.

April 10. A. C. Burrage, *Odontioda Zephyr*.

June 26. Blue Hill Nurseries, *Juniperus virginiana* var. Blue Hills.

July 10. E. H. Wetterlow, new Tuberous Begonia Frau Hellen Harms.
 " " A. C. Burrage, *Cattleya Rhoda* (*C. Hardiana* \times *C. Iris*).
 " " " " *Odontoglossum Hyeanum*.

July 10. Blue Hill Nurseries, new *Lilium (Philadelphicum × bulbiferum)*.
 " " Thomas Roland, *Cypripedium Harrisianum superbum*, S. G. Balts var.

August 14. A. C. Burrage, *Laeliocattleya Lustre magnifica* (*C. Luedemanniana* × *L. c. callistoglossa*).
 " " " " *Cattleya Hardyana alba* (*C. gigas alba* × *C. aurea*).
 " " " " *Cattleya Duprezeana superba* (*C. Warneri* × *C. gigas*).
 " " G. F. Stewart, seedling *Dipladenia* Ella Lowell Lyman.
 " " Julius Heurlin, Perennial *Phlox* Debs.
 " " C. L. Fairbanks, seedling *Gladiolus Primulinus Argo*.
 " " H. E. Meader, seedling *Gladiolus*.
 " " Thomas Cogger, seedling *Gladiolus* Mrs. Thomas Cogger.

September 11. A. N. Cooley, *Cattleya luminosa aurea*.
 " 25. Blue Hill Nurseries, *Aster turbinatus* var. Blue Hills.

November 6. A. C. Burrage, *Cypripedium Goliath*.
 " " " " *Sophrocattleya Pearl*, (*S. c. Doris* × *C. Portia*).
 " " " " *Brassocattleya heatonensis* var. President Harding.
 " " " " *Laeliocattleya Russelliana* (*C. Dietrichiana* × *C. Hardyana*).
 " " " " *Laeliocattleya Alex* (*L. c. Tunis* × *C. Dowiana aurea*).
 " " " " *Cattleya Dionysius* (*C. Fabia alba* × *C. gigas alba*).
 " " " " *Cattleya Prineess Patricia*.
 " " E. S. Webster, *Cypripedium Robin Hood*.

December 18. A. C. Burrage, *Cypripedium Aisne*.

CULTURAL CERTIFICATE.

February 7. J. T. Butterworth, *Cypripedium Archie Neit*.
 " " " " " *Gottianum* var.

March 24. Peter Arnott, *Begonia* Mrs. Peterson.
 " " James Wheeler, Godfrey Callas.

May 15. Douglas Eccleston, *Coelogyne pandurata*.
 " " " " " *Dayanum*.

June 5. J. T. Butterworth, *Laeliocattleya Hyeana* hybrid.
 " " A. C. Burrage, *Laeliocattleya Alice Burrage*.

September 11. E. S. Webster, superior culture of group of *Celosia* Pride of Castle Gould.

November 6. Henry Stewart, superior cultivation of *Oncidium varicosum*.

December 18. Donald McKenzie, *Cypripedium Actaeus* var. Majestic.
 " " Douglas Eccleston, *Bulbophyllum Dayanum*.

HONORABLE MENTION.

January 10. E. B. Dane, Cypripedium Lord Wolmer var. Zealandia (*C. Leeanum* \times *C. Euryades* Sander's var.).

February 28. Joseph Manda Co., collection of cut orchids.

March 24. T. N. Cook, seedling Rambler Rose.

“ “ S. J. Goddard, Carnation The Lark.

“ “ “ “ “ Endurance.

“ “ “ “ “ Boston White.

“ “ “ “ “ No. 156.

“ “ W. A. Manda, Inc., collection of plant novelties.

April 10. J. T. Butterworth, *Odontoglossum* \times *Wilckeanaum*.

May 15. G. E. Buxton, new Geranium Mrs. George E. Buxton.

“ “ Hillcrest Gardens, cultivation of herbaceous plants.

June 5. Blue Hill Nurseries, three new shrubs from China (*Neillia sinensis*, *Diervilla florida venusta*, *D. florida* Mrs. Telles).

“ “ Mrs. Betty K. Farr, new Begonia Betty Farr.

June 19. Hillcrest Gardens, six varieties of wild flowers from South Africa.

“ “ T. C. Thurlow's Sons, Inc., seedling Peony No. 4.

“ “ Louis Dupuy, Climbing Rose Paul's Scarlet Climber.

July 11. W. N. Craig, seedling *Phlox paniculata*.

“ “ Blue Hill Nurseries, *Delphinium* Mrs. Eric Wetterlow.

“ “ Irithorpe, seedling *Iris Kaempferi*.

“ “ Thomas Roland, *Cypripedium Lawrenceanum*.

August 14. Julius Heurlin, Perennial Phlox Sunshine.

“ “ “ “ “ Julius Heurlin.

September 11. Breck Robinson Co., gladioli and canna.

“ “ Joseph Breck & Sons Corporation, display of dahlias.

“ “ T. N. Snow, collection of seedling dahlias.

“ “ S. R. Loker, “ “ “ “

“ “ Blue Hill Nurseries, display of seasonable flowers.

“ 25. A. C. Burrage, *Cattleya Fabia* (*C. labiata* \times *C. Dowiana*).

“ “ “ “ “ *Peetersii* (*C. labiata* \times *C. Hardyana*).

“ “ “ “ “ *Gaskelliana alba*.

“ “ “ “ Cypripedium Germaine Opoix.

“ “ R. & J. Farquhar Co., collection of bulbs and plants.

October 9. Mrs. C. G. Weld, *Cattleya Moira*.

November 6. A. C. Burrage, *Cattleya Bourringiana lilacina* var. Albert.

“ “ S. J. Goddard, collection of seedling chrysanthemums.

“ “ E. A. Clark, collection of Japanese chrysanthemums.

December 18. E. B. Dane, Cypripedium Villebois Mareuil.

“ “ “ “ “ Lord Wolmer, var Zealandia.

“ “ A. C. Burrage, *Odontoglossum Rouge Dragon*.

“ “ “ “ “ *Cattleya armainvillierensis*.

“ “ “ “ “ *Odontioda Diana*.

REPORT OF THE COMMITTEE ON FRUITS.

BY EDWARD B. WILDER, CHAIRMAN.

The decided improvement in the exhibits of fruits noted in the report for 1919 has continued during 1920, but not greatly advanced. The "war conditions, shortage of labor, and poor transportation" referred to in that report have continued, indeed, seem to have increased, but the special inducements offered in prizes have encouraged the amateur growers of fruit to exhibit somewhat more freely and the reëstablishment of the third prize is recommended.

The display of strawberries at the Exhibition, June 26, was small, Hillcrest Gardens, Weston, winning all the prizes. The difficulty of arranging a schedule a year in advance for small fruits and setting a fixed date for an exhibition, irrespective of New England's fluctuating weather conditions, acted unfavorably as in this exhibition.

At the Exhibition, July 10, Hillcrest Gardens received first prize for red cherries and Mrs. M. J. Merrill, Medford, first prize for the Royal Ann (Napoleon), a yellow cherry. In the classes for currants Hillcrest Gardens took first with Fay's Prolific for a red variety and John Bauernfeind, first for White Imperial, a white variety. In gooseberries John Bauernfeind took first for Columbus. In the classes for strawberries Louis Graton won first for his St. Martin and Hillcrest Gardens second for William Belt.

The first exhibits of apples and pears for the season were made August 14 with Williams, Sweet Bough, Yellow Transparent apples, and Clapp's Favorite pear. Greensboro and Champion peaches also were shown.

At the exhibition of September 11 the following varieties were shown: Gravenstein, Hubbardston, Maiden Blush, and Porter apples; Bartlett, Worden Seckel, President, pears; Belle of Georgia, Champion peaches; and Satsuma, Lombard, Green Gage plums. George F. Stewart, gardener to Arthur Lyman, was awarded first prize for a display of black and white foreign grapes, the Black

Hamburg and Muscatel. The disastrous effects of the past severe winter were evident in the exceedingly small displays of peaches and plums at the summer and early autumn exhibitions.

There was a good display of apples at the show of September 25. Many of the varieties, however, were picked prematurely and in the opinion of the committee should have been scheduled for a later exhibition. Such varieties as Baldwin, R. I. Greening, Roxbury Russet, Winter Banana, Northern Spy, and other varieties of apples, also Dana Hovey pears, which would not be mature for a month or more. An excellent display of pears was made by Mrs. Elbridge Torrey of Dorchester and Dr. Walter G. Kendall of Atlantic, both winning three first prizes.

The exhibit of grapes was very fine, one of the best for years, showing splendid cultivation and care in growing. John Bauernfeind of Medford took four first prizes for Brighton, Concord, Moore's Diamond, and Wilder, and Peter Andersen of Woburn three first prizes for Eaton, Niagara, and Worden. Mr. Andersen exhibited a new seedling grape, No. 17, which greatly interested the committee. The berries were very large, dark purple in color, and the flavor good. It was awarded a gratuity.

There was a fine display of apples at the Autumn Exhibition, November 6-7, nearly all the classes having entries. The classes for fifty specimens of one variety were well represented. Allison P. Smith of Stowe won first prize for fifty Baldwins and first for fifty McIntosh; Herbert A. Clark of Belmont won first for fifty Sutton; and Hillcrest Gardens first for fifty crabapples. John Bauernfeind received first for four varieties of native grapes and Edward B. Wilder of Dorchester, first prize for Anjou, Lawrence, and Vicar pears.

The display of quinces was the largest seen in the hall for years and was very attractive. Isaac H. Locke of Belmont took first prize for this fruit with twelve specimens of Orange.

REPORT OF THE COMMITTEE ON VEGETABLES.

BY WILLIAM N. CRAIG, CHAIRMAN.

The Committee on Vegetables desires to report that the displays of vegetables made at the various exhibitions of the Society held in 1920 were on the whole very satisfactory. Competition was in some cases less spirited than we would like to have seen; this was not surprising when it is remembered that inducements in the way of money premiums were comparatively small and that a large proportion of the amount offered came from Miss Marian Roby Case of Weston, without whose generous pecuniary aid several exhibitions could not have been held.

The quality of vegetables shown was uniformly good and it was particularly encouraging to note the good competition in the classes allotted to collections and their effective staging. The season proved to be a favorable one for all varieties of vegetables, the growing season was a long one, and even quite tender kinds remained unscathed by frost until November.

The Wm. B. H. Dowse Challenge Trophy, offered to the exhibitor scoring the greatest number of points in the vegetable classes, was captured by Hillcrest Gardens, a popular and well-merited award.

The statement is occasionally heard and sometimes believed that a vegetable show is unattractive and does not interest the general public as do flowers and plants, but anyone who attended the exhibitions during the past year must have been impressed with the fact that vegetables, even if shown only in moderate quantities, attracted visitors fully as much as any other exhibits staged and at the November show the vegetable display made in the small hall proved more of a potent attraction than any of the other exhibits.

It is somewhat discouraging to the committee to note the gradual elimination of vegetables from the schedules. The Massachusetts Horticultural Society was formed to encourage the culture of plants, flowers, fruits, and vegetables and until comparatively recent years lived up to this high ideal. Now unfortunately it is

becoming more and more of a floricultural society and fruits and vegetables appear to be viewed somewhat in the light of necessary nuisances. Not many years ago the bulk of our vegetable exhibitors were commercial men and these same keen, wide-awake, and able men comprised our vegetable committees. Now we regret to say we have lost nearly all of this most desirable element. Alienated exhibitors can be regained, however, if the Society's present policy is changed. Competition can be stimulated best and interest quickened and retained by holding monthly shows from June until November and by appropriating a fair share of the prizes for vegetable exhibits. An occasional big vegetable show accomplishes far less while costing much more than a number of small exhibitions.

The committee will freely admit that large floriculture displays in early spring will attract the multitudes and help fill the exchequer; the exhibits at these shows, however, are all grown under glass. If we are to broaden our Society and secure the sympathetic support of the great mass of garden lovers we must encourage the culture of open air subjects in every legitimate way. This cannot be done unless the management of this Society departs in some measure from its present policy.

We do not need to be told that New England needs more tillers of her brown soil, must produce more food at home, and in this way help in some measure to reduce the cost of living so that it will compare favorably with other populous centers of the land. The more, therefore, we can do to encourage intensive culture of the soil in the production of food crops in our gardens by lectures, advice, and exhibitions, the better will we be following the policy promulgated by the founders of our Society, and the more we will secure and retain the regard of the ever-growing army of amateur gardeners.

Our slogan might well be "Help New England to feed herself" and with this watchword and an assurance of the great benefits of daylight saving being continued we can reasonably hope for a continued increase in home-grown food products.

The Committee on Vegetables offers these criticisms in the most friendly spirit with an earnest desire to benefit this honored Society and make it a still greater factor for good in the community.

Nine exhibitions of vegetables have been held during the year and in addition to the prizes listed in the Schedule the following special awards have been made:

May 15. Hillcrest Gardens showed the udo (*Aralia cordata*). Honorable Mention.

June 5. Hillcrest Gardens received a Gratuity for the Uncle Gideon Quick Lunch potato.

June 19. Hillcrest Gardens was awarded a Cultural Certificate for an attractive display.

August 14. Faulkner Farm received Honorable Mention for the new tomato No. 10, and Hillcrest Gardens a Vote of Thanks for the Chinese egg plant.

September 11. Albert C. Burrage was awarded Honorable Mention for the new tomato, The Diener.

November 6. M. S. Fickett of Chelsea was awarded a Vote of Thanks for an interesting exhibit of pollinized sweet corn, showing a mixture of Black Mexican with white, red, and yellow varieties.

REPORT OF THE COMMITTEE ON CHILDREN'S GARDENS.

BY JAMES WHEELER, CHAIRMAN.

The annual exhibition of the products of children's gardens was held Saturday and Sunday, September 4 and 5, 1920. Both the large and small halls were well filled and there was keen competition in every class. In single classes of beets, carrots, potatoes, and beans there were from forty to eighty entries.

In the lecture hall there was an interesting display by the Mary Hemenway School of Roxbury, comprising plants, flowers, vegetables, canned products, and samples of the industrial work carried on by this school under the superintendence of Miss L. Gertrude Howes. This exhibit attracted much attention and was awarded a Silver Medal.

A special appropriation was made by the Trustees of the Society

in order to encourage the interest in children's gardening throughout the state. This appropriation was used in awarding Silver and Bronze Medals to those maintaining their gardens in good condition during the season. Many entries were received for these medals and the plan proved of much value in increasing the interest of the children in their work. Money prizes amounting to \$300 were offered at the exhibition, every dollar of which was awarded.

At the suggestion of the Chairman a conference of the garden teachers and supervisors was held during the exhibition to talk over the work and to discuss the best methods for maintaining the interest of the young people along agricultural lines. Mr. D. W. O'Brien, the supervisor of the Boston school gardens, favored that some token — a ribbon or a card — be given to exhibitors not receiving a prize, if their exhibits had been worthy. This suggestion was favorably received.

Miss Annie L. Burke of Brockton spoke appreciatively of the medals given out by the Society last year and the incentive they had been to the young gardeners. It developed that in many cities and towns there had been appropriate exercises connected with their presentation.

REPORT OF THE COMMITTEE ON LECTURES AND PUBLICATIONS.

BY FRED A. WILSON, CHAIRMAN.

The spring lecture course for 1920 was a variant from preceding practice. The committee tried the plan of a course of lectures by one man, in an attempt to get a connected series, and a presentation of material not commonly obtainable from other easy sources. We were fortunate in our choice of Professor W. J. V. Osterhout of Harvard University, who gave us a series of six lectures entitled "The Living Plant" which were of high quality in every respect.

There is always the question of the desirability of presenting more common things, even illustrated bench methods of preparing soil, sowing, cuttings, transplanting, and repotting; but your committee feels that the principal course may well be upon matters of advanced

horticulture, and have followed this opinion by securing Professor Osterhout for another course for the lecture season of 1921 which will deal with a somewhat more chemical side of horticulture. Notices of this course will give complete information.

The committee for 1920 also has arranged for a series of explanatory work, through lecturers or docents, accompanying the exhibitions of the year 1921. This was possible because of the generous offer of Miss Marian R. Case to pay the expenses of such work.

The committee has reduced the published transactions of the Society to one volume for 1920, containing annual reports, committee reports, inaugural address, and such matters. General horticultural matters will not be included. It is proposed to do more with Bulletins, which will be issued irregularly and not at stated intervals, and which chiefly will contain horticultural information. The committee would be glad to receive suggestions at any time relating to its work.

REPORT OF THE SECRETARY AND LIBRARIAN.

Two principal features stand out prominently in the activities of the Society during the year 1920. The first is the Grand Exhibition of Orchids and Other Plants in March, details of which will be found in the reports of the Committee on Prizes and Exhibitions and the Committee on Plants and Flowers. The other feature is the stand taken by the Society in regard to the drastic regulations of the Federal Horticultural Board's Quarantine No. 37. In conjunction with the Horticultural Society of New York, the Pennsylvania Horticultural Society, and numerous other horticultural organizations throughout the country a strong protest is being made of these regulations which are practically an embargo on the introduction of new and desirable garden plants and an obstacle to horticultural progress.

In addition to the March exhibit of orchids Mr. Albert C. Burrage has made monthly exhibits of orchid plants in flower showing the plants as they come into bloom month by month throughout the year.

The George Robert White Medal of Honor for the year 1920 was awarded to Mr. George Forrest of England for his work in the introduction of desirable garden plants from southwest China.

The Albert Cameron Burrage Medal for the promotion of the cranberry industry in the state was awarded to Dr. Henry J. Franklin of East Wareham on account of a paper on Cape Cod Cranberry Frosts published in the Monthly Weather Review of the United States Department of Agriculture, Supplement No. 16.

Mr. William B. H. Dowse has continued his offer of a handsome silver vase to be awarded to the exhibitor of vegetables obtaining the greatest number of points as arranged in the Schedule of Prizes. It was won this year by the Hillcrest Gardens of Weston.

The Hillcrest Prizes for the best vegetable gardens in Middlesex County, Massachusetts, cultivated by amateurs, were awarded as follows:

First, to Mrs. A. L. Hentzi, Waltham.

Second, to Robert H. Trask, Weston.

Third to Mrs. Gertrude Hersey, Waltham.

Miss Marian R. Case, by whom the prizes amounting to \$115.00 were offered, states that there were forty-two entries for the Hillcrest Prizes, and that it is estimated that more than \$4,000.00 worth of garden products were harvested from them.

With the coöperation of the American Iris Society at the May Exhibition, the American Sweet Pea Society in July, and the American Gladiolus Society in August these exhibitions were of more than ordinary interest.

A course of six lectures on "Plant Life" was given during February, March, and April by Professor W. J. V. Osterhout of Harvard University.

Part 2 of the Transactions of the Society, the last to be issued under this title, was distributed on May 18. Two numbers of the Bulletin have been issued during the year. Number 3, entitled "Kurume Azaleas" and Number 4, "Horticultural Conference on Quarantine No. 37 Held in New York, June 15, 1920."

THE LIBRARY.

The preparation of the second part of the Catalogue of the Library has been resumed during the year. This part will consist

of a classified arrangement of the books printed in Part I, and is now nearly ready for publication. The two parts will be issued in one volume at an early date.

Further additions have accrued to the John D. W. French Fund during the year increasing it to \$10,188.00. The income of this fund is used for the purchase of books for the library.

Members of the Society are again reminded of their privilege to have books sent to them by mail at the Society's expense; to be returned at the borrower's expense.

Another lot of 1285 pamphlets has been bound in board covers during the year thus ensuring their proper care and preservation. This makes a total of 3285 pamphlets treated in this manner.

REPORT OF THE TREASURER FOR THE YEAR 1920.

INCOME.

Income from Interest on Investments and Bank

Interest	\$14,221 31
" " Rents	5,127 87
" " Membership Fees	456 00
" " Donations	2,035 51
" " Exhibition	4,821 35
" " Sale of Lots in Mt. Auburn Cemetery	2,654 56 \$29,316 60

EXPENSES.

Operating Expense \$25,503 01

Viz: Salaries	4,981 97
Insurance	1,162 42
Heating	2,764 07
Labor	5,325 22
Incidentals	6,383 33
Stationery and Printing	1,288 85
Lighting	971 65
Library	457 27
Postage	421 00
Repairs	1,747 23

Prizes 4,609 00

Viz: Plants and Flowers in excess of	
Income from Special Funds	3,365 00
Fruits in Excess of Income from	
Special Funds	352 00
Vegetables in Excess of Income	
from Special Funds	644 00
Children's Gardens	248 00

Expenditures by Committees 3,161 13

Viz: Lectures and Publications	438 00
Medals	1,891 85
Prizes	307 28
Plants	248 00
Fruits	130 00
Vegetables	146 00

Expense Paid from Funds	1,297	39
Viz: Samuel Appleton	24	00
John A. Lowell	14	00
Theodore Lyman	404	00
Josiah Bradlee	51	00
Benj. V. French	15	00
W. J. Walker	100	00
Marshall P. Wilder	34	00
John Lewis Russell	62	00
J. D. W. French	136	30
John S. Farlow	35	04
John C. Chaffin	5	00
Benj. V. French	116	00
John Allen French	30	00
Geo. Robert White	249	05
John S. Farlow, Newton Hort.		
Soc.	22	00
Legal Expense	250	00
Balance of Income from Funds for year 1920,		
unexpended	1,204	77
Excess of expenditures over Income	6,708	70
		\$36,025 30

ASSETS.

ASSETS (Book Value) December 31st, 1920.

Real Estate	\$498,564	63
Furniture and Exhibition Ware	7,982	61
Library	46,580	47
\$2,000 Kansas, Clinton & Springfield 5% Bds. 1925	1,980	00
\$10,000 Lake Shore & Mich. Southern R. R. 3½%		
Bds. 1997	10,000	00
\$21,000 City of Newton, 4% Bds. 1928	21,000	00
\$50,000 Atchison, Topeka & Santa Fe, 4% Bds. 1995	44,693	25
\$50,000 Chicago, Burlington & Quincy, Neb. 4s.		
Bds. 1927	50,000	00
\$11,300 Pere Marquette R. R. 5% Bds.	9,933	75
\$25,000 Kan. City, Ft. Scott & Memphis, 6% Bds.		
1928	25,000	00
\$50,000 Chicago, Burlington & Quincy, Ill. Div.		
3½% Bds. 1949	50,000	00
\$8,000 Boston & Maine R. R. 4½% Bds. 1944 . .	8,000	00
\$4,000 Amer. Tel. & Tel. Co. Convert 4% Bds. 1936	4,000	00
\$4,000 Interborough Rap. Transit, 5% Bds. 1966	3,920	00
\$12,000 Pacific Tel. & Tel. Co., 5s Bds. 1937 . .	11,670	00

319 Shares General Electric Co.	15,161	16
Hayes & Loring	2,308	66
\$12,000 United States Liberty Bds.	12,000	00
\$5,000 United States Steel, 5% Bds.	5,043	75
110 Shares Standard Oil Co. of New Jersey	11,550	00
Treasurer's Cash	12,555	74
Bursar's Cash	515	11
	\$852,459	13

LIABILITIES.

Samuel Appleton	Fund	\$1,058	00
John A. Lowell	"	1,052	00
Theodore Lyman	"	11,389	00
Josiah Bradlee	"	1,048	00
Benj. V. French	"	545	00
H. H. Hunnewell	"	4,409	00
W. J. Walker	"	2,422	91
Levi Whitecomb	"	560	00
Benj. B. Davis	"	560	00
Marshall P. Wilder	"	1,009	00
John Lewis Russell	"	1,000	00
Francis Brown Hayes	"	11,200	00
Henry A. Gane	"	1,344	00
John S. Farlow	"	2,755	41
J. D. W. French	"	12,004	68
Benj. H. Pierce	"	896	00
John C. Chaffin	"	1,310	89
Benj. V. French	"	3,122	00
John Allen French	"	5,359	00
George Robert White	"	7,884	18
John S. Farlow	"	3,220	42
Helen Collamore	"	5,000	00
Caroline S. Freeman	"	10,000	00
Albert C. Burrage	"	1,260	00
Capital and Reserve		\$90,409	49
		762,049	64
		\$852,459	13

BALANCE SHEET — JANUARY 1, 1921.

ASSETS.

Cash:

Treasurer	12,555	74
Bursar	515	11
Investments	283,951	91
Property Massachusetts & Huntington Avenues	498,564	63
Furniture and Exhibition Ware	7,982	61
Library Equipment	46,580	47
		—
		\$850,150 47

FUNDS AND CAPITAL.

Life Membership Fees	6,480	00
Mt. Auburn Cemetery Fund	11,880	35
Sundry Funds	90,409	49
Bequest of F. B. Hayes	\$247,489	27
Less Guardian's Acet.	\$82,496	43
Trustees' Acet.	2,308	66
	84,805	09
	162,684	18
	—	—
Capital Account	564,524	70
Less loss on bonds	2	50
	564,522	20
	—	—
Library Catalogue	20	00
Accumulated Reserve	14,154	25
	—	—
Total Funds and Capital		\$850,150 47

MEMBERSHIP.

December 31, 1920.

Life Members, December 31, 1919	800
Added in 1920	16
Changed from Annual	2
	—
	818
Deceased	31
Dropped (unknown)	15
	—
	46
	—
	772
Annual Members, December 31, 1919	202
Added in 1920	6
	—
Changed to Life	2
Deceased	4
Resigned	3
	—
	9
	199
	—
Membership, December 31, 1920	971

INCOME FROM MEMBERSHIP.

16 New Life Members at \$30	16	\$480 00
6 New Annual Members at \$10	6	60 00
2 Annual Members changed to Life	2	40 00
Annual Members' Dues for 1920		356 00

		\$936 00

WALTER HUNNEWELL,
Treasurer.

ANNUAL MEETING.

The Annual Meeting of the Society for the year 1920 was held at Horticultural Hall, Boston, on Saturday, November 13, at twelve o'clock, with President Endicott in the Chair. The record of the preceding meeting was read by the Secretary and duly approved. The President appointed Messrs. E. B. Wilder, J. A. Crosby, and W. P. Rich a committee to receive, assort, and count the ballots, and to report the number. He then declared the polls open to remain open until three o'clock.

President Endicott announced that the following appropriations for prizes and gratuities for the year 1921 had been voted by the Trustees:

For an exhibition of roses and other plants in April, \$6,000.

For four additional exhibitions, \$1,000, in addition to the income of the special prize funds of the Society.

For an exhibition of the products of children's gardens, \$300.

No other business being offered the President declared a recess until three o'clock and appointed Mr. N. T. Kidder Chairman *pro tem.*

At three o'clock the Chairman declared the polls closed and Mr. Wilder, for the ballot committee, reported as follows:

Whole number of ballots cast, 25.

For President, Albert C. Burrage had 25.

For Vice President, (for two years) Thomas Allen had 25.

For Trustees, (for three years) William C. Endicott had 25; Walter Hunnewell, 25; Thomas Roland, 24; Mrs. Bayard Thayer, 25.

For Nominating Committee, Oakes Ames had 25; George E. Barnard, 25; Wilton B. Fay, 24; Duncan Finlayson, 24; Thomas Roland, 25.

Mr. Kidder then declared that the following list of officers of the Society for the year 1921 had been duly elected:

President	ALBERT C. BURRAGE
Vice President (for two years)	THOMAS ALLEN
Trustees (for three years)	WILLIAM C. ENDICOTT WALTER HUNNEWELL THOMAS ROLAND MRS. BAYARD THAYER
Nominating Committee	OAKES AMES GEORGE E. BARNARD WILTON B. FAY DUNCAN FINLAYSON THOMAS ROLAND

The meeting then dissolved.

WILLIAM P. RICH,
Secretary.

NECROLOGY, 1920.

Admitted	Died
1914 CHARLES LAWRENCE PEIRSON	January 23
1899 PETER CHARDON BROOKS	January 27
1899 GEORGE BRUCE FESSENDEN	February 17
1900 ROBERT M. MORSE	February 21
1892 JOHN CHARLES OLMSTED	February 24
1905 WALLACE L. PIERCE	March 5
1914 MRS. GEORGE C. LEE	March 5
1889 WILLIAM C. WINTER	March 10
1899 HENRY HOWARD FAY	March 14
1899 STEPHEN MINOT WELD	March 16
1875 GEORGE W. HUMPHREY	March 18
1881 WILLIAM H. RUDDICK	April 8
1905 MISS SUSAN WHITE HARDY	April 27
1906 EDWIN DYER HAUTHAWAY	May 8
1882 FRANK SHIPLEY COLLINS	May 26
1905 MAURICE FULD	May 27
1902 ARTHUR E. DAVIS	June 22
1885 LAFAYETTE W. GOODELL	June 25
1882 GEORGE B. KELLY	June 29
1906 ELIAB PARKER	July 3
1897 HENRY A. WHEELER	August 4
1914 CHARLES E. COTTING	August 5
1896 EDWARD FRANCIS SEARLES	August 6
1901 MISS MARY ALMA COE	August 9
1904 CHARLES LEWIS HUTCHINS	August 17
1899 ARTHUR E. HARTSHORN	October 24
1893 CHARLES NEWMAN CARTER	November 6
1899 JAMES M. PRENDERGAST	November 29
1899 HARRY ELISHA CONVERSE	December 8
1870 AUGUSTUS P. CALDER	December 23
1909 CHARLES WILLIAM MOSELEY	December 23

OFFICERS, COMMITTEES, AND MEMBERS, 1920.

Massachusetts Horticultural Society.

OFFICERS AND STANDING COMMITTEES FOR 1920.

President.

WILLIAM C. ENDICOTT, OF BOSTON.

Vice-Presidents.

NATHANIEL T. KIDDER, OF MILTON.
CHARLES S. SARGENT, OF BROOKLINE.

Treasurer.

WALTER HUNNEWELL, OF BOSTON.

Secretary.

WILLIAM P. RICH, OF CHELSEA.*

Trustees.

THOMAS ALLEN, OF BOSTON.
GEORGE E. BARNARD, OF IPSWICH.
ALBERT C. BURRAGE, OF BOSTON.
ERNEST B. DANE, OF BROOKLINE.
JOHN K. M. L. FARQUHAR, OF BOSTON.
ARTHUR H. FEWKES, OF NEWTON HIGHLANDS.
WALTER HUNNEWELL, OF BOSTON.
CHARLES W. MOSELEY, OF NEWBURYPORT.
THOMAS ROLAND, OF NAHANT.
RICHARD M. SALTONSTALL, OF NEWTON.
EDWIN S. WEBSTER, OF BOSTON.
FRED A. WILSON, OF NAHANT.

Nominating Committee.

OAKES AMES, NORTH EASTON. WILLIAM ANDERSON, SOUTH LANCASTER.
JOHN K. M. L. FARQUHAR, BOSTON. SAMUEL J. GODDARD, FRAMINGHAM.
JOHN E. THAYER, SOUTH LANCASTER.

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1920

Finance Committee

WALTER HUNNEWELL, *Chairman*
 RICHARD M. SALTONSTALL STEPHEN M. WELD

Membership Committee

THOMAS ALLEN THOMAS ROLAND
 EDWIN S. WEBSTER

Committee on Prizes and Exhibitions

THOMAS ALLEN, *Chairman*
 ALBERT C. BURRAGE T. D. HATFIELD
 DUNCAN FINLAYSON JAMES WHEELER
 E. H. WILSON

Committee on Plants and Flowers

SAMUEL J. GODDARD, *Chairman*
 DOUGLAS ECCLESTON DONALD MCKENZIE
 JULIUS HEURLIN THOMAS ROLAND

Committee on Fruits

EDWARD B. WILDER, *Chairman*
 WALTER H. GOLBY JAMES METHVEN
 ISAAC H. LOCKE JOHN E. THAYER

Committee on Vegetables

WILLIAM N. CRAIG, *Chairman*
 EDWARD PARKER WILLIAM C. RUST

Committee on Gardens

RICHARD M. SALTONSTALL, *Chairman*
 JOHN S. AMES WILLIAM NICHOLSON
 CHARLES W. MOSELEY CHARLES SANDER

Committee on Library

CHARLES S. SARGENT, *Chairman*
 ERNEST B. DANE NATHANIEL T. KIDDER

Committee on Lectures and Publications

FRED A. WILSON, *Chairman*
 THOMAS ALLEN JOHN K. M. L. FARQUHAR

Committee on Children's Gardens

JAMES WHEELER, *Chairman*
 MISS MARIAN R. CASE DR. HARRIS KENNEDY
 MISS MARGARET A. RAND

MEMBERS OF THE MASSACHUSETTS HORTICULTURAL SOCIETY, 1920.

Revised to December 31, 1920.

HONORARY MEMBERS.

Members and correspondents of the Society and all other persons who may know of deaths, changes of residence, or other circumstances showing that the following lists are inaccurate in any particular, will confer a favor by promptly communicating to the Secretary the needed corrections.

1900 DR. HENRY S. PRITCHETT, Washington, D. C.

1900 ALBERT VIGER, President of the National Society of Horticulture of France, Paris.

CORRESPONDING MEMBERS.

1889 DR. L. H. BAILEY, Ithaca, N. Y.

1918 ISAAC BAYLEY BALFOUR, M. D., LL. D., F. R. S., Regius Keeper of the Royal Botanic Garden, Edinburgh, Scotland.

1875 PROFESSOR WILLIAM J. BEAL, Amherst, Mass.

1918 DÉSIRÉ BOIS, Editor of *La Revue Horticole*, Paris, France.

1918 LÉON CHENAULT, Orléans, France.

1911 W. J. BEAN, Royal Botanic Gardens, Kew, England.

1911 JOHN DUNBAR, Park Department, Rochester, N. Y.

1887 SIR W. T. THISELTON DYER, K. C. M. G., F. R. S., "Witecombe," Gloucester, England.

1918 WILLIAM C. EGAN, Highland Park, Ill.

1887 H. J. ELWES, F. R. S., Colesborne, Cheltenham, England.

1918 BERTRAND H. FARR, Wyomissing, Pa.

1893 B. E. FERNOW, University of Toronto, Toronto, Ontario.

1900 DR. BEVERLY T. GALLOWAY, Department of Agriculture, Washington, D. C.

1877 GEORGE LINCOLN GOODALE, M. D., Cambridge, Mass.

1918 PROFESSOR N. E. HANSEN, Brookings, So. Dak.

1911 PROFESSOR U. P. HEDRICK, New York Agricultural Experiment Station, Geneva, N. Y.

1907 AUGUSTINE HENRY, F. L. S., M. R. I. A., Professor of Forestry, Royal College of Science, Dublin, Ireland.

1897 J. W. HOFFMANN, Colored State University, Orangeburg, S. C.
1919 LT.-COL. SIR GEORGE HOLFORD, Tetbury, Gloucestershire, England.
1918 CHARLES L. HUTCHINSON, Chicago, Ill.
1906 SENOR DON SALVADOR IZQUIERDO, Santiago, Chile.
1918 MRS. FRANCIS KING, Alma, Mich.
1911 ÉMILE LEMOINE, Nancy, France.
1918 J. HORACE McFARLAND, Harrisburg, Pa.
1875 T. C. MAXWELL, Geneva, N. Y.
1911 WILHELM MILLER, Superintendent of Horticulture, University of Illinois, Urbana, Illinois.
1898 SIR FREDERICK W. MOORE, Curator of the Royal Botanic Gardens, Glasnevin, Dublin, Ireland.
1918 DR. GEORGE T. MOORE, Director of the Missouri Botanical Garden, St. Louis, Mo.
1887 SIR DANIEL MORRIS, C. M. G., D. Sc., M. A., F. L. S.
1919 M. SÉRAPHIN JOSEPH MOTTET, Verrières-le-Buisson (Seine-et-Oise), France.
1912 C. HARMAN PAYNE, London, England.
1906 SIR DAVID PRAIN, C. I. E., C. M. G., F. R. S., Director of the Royal Botanic Gardens, Kew, England.
1894 CAVALIÈRE ENRICO RAGUSA, Palermo, Sicily.
1906 DR. HENRY L. RIDLEY, C. M. G., F. R. S., Kew, England.
1898 BENJAMIN LINCOLN ROBINSON, PH.D., Curator of the Gray Herbarium of Harvard University, Cambridge, Mass.
1875 WILLIAM ROBINSON, London, England.
1899 WILLIAM SALWAY, Superintendent of Spring Grove Cemetery, Cincinnati, O.
1919 M. EUGÈNE SCHÄETTEL, Paris, France.
1875 ROBERT W. STARR, Wolfville, N. S.
1893 PROFESSOR WILLIAM TRELEASE, University of Illinois, Urbana, Illinois.
1918 DR. WALTER VAN FLEET, Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.
1882 H. J. VEITCH, Chelsea, England.
1912 PROFESSOR HUGO DE VRIES, University of Amsterdam, Amsterdam, Holland.
1918 F. GOMER WATERER, Bagshot, Surrey, England.
1894 WILLIAM WATSON, Curator of Royal Botanic Gardens, Kew, England.
1919 J. C. WILLIAMS, Gorran, Cornwall, England.
1906 MISS E. WILMOTT, Essex, England.
1911 E. H. WILSON, Jamaica Plain, Mass.
1901 PROFESSOR L. WITTMACK, Secretary of the Royal Prussian Horticultural Society, Berlin, Prussia.

LIFE MEMBERS.

1899 Adams, Mrs. Charles Francis, South Lincoln.	1890 Atkins, Edwin F., Belmont.
1907 Adams, George E., Kingston, R. I.	1899 Ayer, James B., Boston.
1897 Adams, Henry Saxton, Jamaica Plain.	1912 Bache, James S., Sharon, Conn.
1899 Agassiz, Mrs George R., Yar- mouth Port.	1905 Backer, Clarence A., Melrose.
1894 Allen, Hon. Charles H., Lowell.	1914 Bacon, Miss E. S., Jamaica Plain.
1916 Allen, Edward Ellis, Water- town.	1905 Badger, Walter L., Cambridge.
1905 Allen, Mrs. Sarah R., Wilming- ton.	1902 Bailey, Robert M., Dedham.
1898 Allen, Thomas, Boston.	1902 Baker, Clifton P., Dedham.
1899 Ames, F. Lothrop, North Easton.	1901 Baker, James E., South Lincoln.
1914 Ames, Mrs. F. L., North Easton.	1904 Balch, Joseph, Dedham.
1899 Ames, John S., North Easton.	1909 Baldwin, Frank F., Ashland.
1894 Ames, Oakes, North Easton.	1888 Barber, J. Wesley, Newton.
1899 Ames, Oliver, North Easton.	1905 Barnard, George E., Ipswich.
1867 Amory, Frederic, Boston.	1866 Barnes, Walter S., Brookline.
1920 Andersen, Peter, Woburn.	1917 Barrett, Mrs. William Emerson, West Newton.
1899 Anderson, Larz, Brookline.	1897 Barry, John Marshall, Boston.
1911 Anderson, William, South Lan- caster.	1901 Bartlett, Miss Mary F., Boston.
1871 Appleton, Hon Francis H., Boston.	1914 Bartol, Dr. John W., Boston.
1914 Appleton, Francis R., New York, N. Y.	1915 Bartsch, Hermann H., Waver- ley.
1913 Appleton, Henry Saltonstall, Boston.	1901 Bates, Miss Mary D., Ipswich.
1914 Apthorp, Mrs. Harrison O., Milton.	1915 Bauernfeind, John, Medford.
1900 Arnold, Mrs. George Francis, Brookline.	1899 Baylies, Walter C., Taunton.
1894 Ash, John, Pomfret Centre, Conn.	1914 Beal, Mrs. Boylston, Boston.
	1905 Beal, Thomas P., Boston.
	1891 Becker, Frederick C., Cam- bridge.
	1876 Beckford, Daniel R., Jr., Ded- ham.
	1894 Beebe, E. Pierson, Boston.
	1890 Beebe, Franklin H., Boston.
	1905 Bemis, Frank B., Beverly.
	1914 Bemis, Mrs. Frank B., Beverly.
	1899 Bigelow, Albert S., Cohasset.
	1914 Bigelow, Charles, Brookline.

1899 Bigelow, Joseph S., Cohasset.	1914 Brooks, Henry G., Milton.
1899 Bigelow, Dr. William Sturgis, Boston.	1899 Brooks, Shepherd, Boston.
1899 Black, George N., Manchester.	1912 Brooks, Walter D., Milton.
1885 Blake, Mrs. Arthur W., Brookline.	1909 Brown, Mrs. John Carter, Providence, R. I.
1914 Blake, Benjamin S., Auburndale.	1907 Brush, Charles N., Brookline.
1897 Blake, Edward D., Boston.	1919 Buff, Louis F., Jamaica Plain.
1919 Blake, Hallie C., Lexington.	1906 Buitta, Vincent, Newton Upper Falls.
1919 Blake, Kenneth Pond, Lexington.	1914 Bullard, Alfred M., Milton.
1918 Blanchard, Archibald, Boston.	1918 Burgess, George Arthur, Marblehead.
1908 Blood, Eldredge H., Swampscott.	1920 Burgess, William H., Lexington.
1905 Boardman, Miss Eliza D., Boston.	1897 Burlen, William H., East Holbrook.
1914 Boit, Miss Elizabeth E., Wakefield.	1895 Burnett, Harry, Southborough.
1894 Bosler, Frank C., Carlisle, Penn.	1911 Burnett, John T., Southborough.
1887 Bowditch, Charles P., Jamaica Plain.	1914 Burnett, Robert M., Southborough.
1883 Bowditch, James H., Brookline.	1914 Burnham, Miss Helen C., Boston.
1894 Bowditch, Nathaniel I., Framingham.	1909 Burr, I. Tucker, Milton.
1877 Bowditch, William E., Roxbury.	1906 Burrage, Albert C., Boston.
1913 Brackett, C. Henry B., Boston.	1919 Burrage, Mrs. Albert C., Boston.
1912 Bradley, Charles H., Boston.	1918 Burrage, Albert C., Jr., Hamilton.
1914 Brandegee, Mrs. Edward D., Brookline.	1918 Burrage, Charles D., Boston.
1900 Breck, Joseph Francis, Waban.	1918 Burrage, Russell, Beverly Farms.
1914 Breck, Luther Adams, Newton.	1907 Butterworth, George William, South Framingham.
1902 Breed, Edward W., Clinton.	1906 Butterworth, J. Thomas, South Framingham.
1871 Bresee, Albert, Hubbardton, Vt.	1905 Buttrick, Stedman, Concord.
1914 Brewer, Edward M., Milton.	1902 Cabbot, George E., Boston.
1914 Brewer, Joseph, Milton.	1914 Cabot, Henry B., Brookline.
1918 Brewer, William C., Newton Centre.	1896 Cameron, Robert, Ipswich.
1919 Briggs, George E., Lexington.	1913 Campbell, Chester I., Wollaston.
1910 Briggs, Mrs. George R., Plymouth.	1891 Campbell, Francis, Cambridge.
1897 Briggs, William S., Lincoln.	1905 Carr, Samuel, Boston.
1873 Brigham, William T., Honolulu, Hawaii.	1899 Casas, W. B. de las, Malden.
1909 Brooke, Edmund G., Jr., Providence, R. I.	1911 Case, Miss Marian Roby, Weston.

1918 Chalifoux, Mrs. H. L., Prides Crossing.	1919 Copeland, Miss E. Gertrude, Melrose.
1873 Chamberlain, Chauncey W., Waban.	1914 Cotting, Mrs. Charles E., Boston.
1909 Chamberlain, Montague, Arlington Heights.	1892 Cottle, Henry C., Boston.
1920 Chandler, Joseph Everett, Boston.	1917 Cotton, Miss Elizabeth A., Brookline.
1903 Chapman, John L., Prides Crossing.	1914 Councilman, Dr. W. T., Boston.
1917 Chase, H. F., Andover.	1917 Cowey, S. R., Lynnhaven, Va.
1909 Chase, Philip Putnam, Milton.	1913 Cox, Simon F., Mattapan.
1895 Cheney, Mrs. Elizabeth S., Wellesley.	1914 Crafts, Miss Elizabeth S., New York, N. Y.
1876 Clapp, Edward B., Dorchester.	1920 Craig, Mrs. Helen M., Boston.
1919 Clapp, Robert P., Lexington.	1901 Craig, William Nicol, Brookline.
1871 Clapp, William C., Dorchester.	1917 Crane, Charles R., New York, N. Y.
1896 Clark, B. Preston, Cohasset.	1917 Crane, Mrs. R. T., Jr., Chicago, Ill.
1917 Clark, Edward A., Jamaica Plain.	1891 Crawford, Dr. Sarah M., Roxbury.
1896 Clark, Miss Eleanor J., Pomfret Centre, Conn.	1917 Crocker, Mrs. George U., Boston.
1907 Clark, Herbert A., Belmont.	1914 Crompton, Miss Isabel M., Worcester.
1890 Clark, J. Warren, Millis.	1887 Crosby, George E., West Medford.
1910 Clark, Winslow, Milton.	1914 Crosby, Mrs. S. V. R., Boston.
1899 Clarke, Eliot C., Boston.	1901 Cross, Alfred Richard, North Cohasset.
1914 Clifford, Charles P., Milton.	1909 Cunner, Mrs. Nellie B., Brookline.
1895 Clough, Micajah Pratt, Lynn.	1856 Curtis, Charles F., Jamaica Plain.
1894 Cobb, John C., Milton.	1899 Curtis, Charles P., Boston.
1906 Codman, Miss Catherine A., Westwood.	1920 Curtiss, Frederic Haines, Boston.
1914 Codman, James M., Jr., Brookline.	1906 Cutler, Mrs. Charles F., Boston.
1903 Cogswell, Edward R., Jr., Newton Highlands.	1919 Cutler, Clarence H., Lexington.
1914 Collins, William J., Brookline.	1903 Cutler, Judge Samuel R., Revere.
1917 Comley, Henry R., Lexington.	1897 Damon, Frederick W., Arlington.
1902 Comley, Norris F., Lexington.	1908 Dane, Ernest B., Brookline.
1917 Converse, E. W., Newton.	1908 Dane, Mrs. Ernest B., Brookline.
1913 Cook, Thomas N., Watertown.	
1917 Cooley, Arthur N., Pittsfield.	
1914 Coolidge, Charles A., Boston.	
1902 Coolidge, Harold J., Boston.	
1899 Coolidge, J. Randolph, Chestnut Hill.	
1899 Coolidge, Mrs. J. Randolph, Chestnut Hill.	

1919 Danforth, Joseph A., Danvers.
 1899 Daniels, Dr. Edwin A., Boston.
 1909 Danielson, Mrs. J. DeForest,
 Boston.
 1902 Davis, Mrs. Arthur E., Dover.
 1913 Davis, Bancroft Chandler, West-
 ton.
 1916 Davis, Miss Helen I., Wellesley.
 1914 Davis, Livingston, Milton.
 1909 Dawson, Henry Sargent, Ja-
 maica Plain.
 1905 Day, Henry B., West Newton.
 1917 Day, Mrs. Mary E., Newton.
 1873 Denny, Clarence H., Boston.
 1917 Dexter, George T., Boston.
 1904 Dexter, Gordon, Beverly Farms.
 1904 Dexter, Philip, Beverly.
 1896 Donald, William, Cold Spring
 Harbor, N. Y.
 1900 Donaldson, James, Roxbury.
 1907 Doten, Scott T., Lincoln.
 1917 Doty, George H., Boston.
 1914 Douglass, Alfred, Brookline.
 1917 Downs, Jere Arthur, Win-
 chester.
 1910 Downs, William, Chestnut Hill.
 1917 Dowse, Charles F., Boston.
 1893 Dowse, William B. H., West
 Newton.
 1917 Draper, B. H. Bristow, Hope-
 dale.
 1920 Draper, Eben S., Hopedale.
 1899 Draper, George A., Hopedale.
 1897 Dumaresq, Herbert, Chestnut
 Hill.
 1899 Duncan, James L., New York,
 N. Y.
 1902 Duncan, John W., Spokane,
 Wash.
 1896 Dunlap, James H., Nashua,
 N. H.
 1915 Dunn, Stephen Troyte, F.L.S.,
 F.R.G.S., Twickenham, Eng.
 1915 Dupee, William Arthur, Milton.
 1909 Dupuy, Louis, Whitestone,
 L. I., N. Y.
 1880 Dutcher, Frank J., Hopedale.
 1917 Dutcher, Miss Grace M., Hope-
 dale.
 1902 Dyer, Herbert H., Arlington.
 1912 Eaton, Harris D., Southbor-
 ough.
 1918 Eccleston, Douglas, Beverly
 Farms.
 1911 Edgar, Mrs. Rose H., Waverley.
 1912 Edgar, William Percival, Ja-
 maica Plain.
 1895 Eldredge, H. Fisher, Boston.
 1887 Elliott, Mrs. John W., Boston.
 1888 Elliott, William H., Brighton.
 1903 Ellsworth, J. Lewis, Worcester.
 1907 Emerson, Nathaniel W., M.D.,
 Boston.
 1917 Emmons, Mrs. R. M., 2nd,
 Boston.
 1894 Endicott, William, Boston.
 1899 Endicott, William C., Danvers.
 1919 Endicott, Mrs. William C.,
 Danvers.
 1919 Endicott, Mrs. William C., Jr.,
 Danvers.
 1919 Engstrom, Richard, Lexington.
 1915 Ernst, Mrs. Harold C., Ja-
 maica Plain.
 1905 Estabrook, Mrs. Arthur F.,
 Boston.
 1907 Eustis, Miss Elizabeth M.,
 Brookline.
 1907 Eustis, Miss Mary St. Barbe,
 Brookline.
 1915 Fairbanks, Charles F., Milton.
 1881 Fairchild, Charles, New York,
 N. Y.
 1877 Falconer, William, Pittsburg, Pa.
 1884 Farlow, Lewis H., Boston.
 1896 Farnsworth, Mrs. William, Ded-
 ham.
 1890 Farquhar, James F. M., Roslin-
 dale.
 1891 Farquhar, John K. M. L.,
 Roxbury.

1915 Farquhar, Mrs. John K. M. L. Roxbury.

1884 Farquhar, Robert, North Cambridge.

1908 Fay, Wilton B., West Medford.

1914 Fearing, George R., Jr., Boston.

1917 Fenno, Mrs. Pauline Shaw, Rowley.

1917 Fessenden, Sewell H., Boston.

1883 Fewkes, Arthur H., Newton Highlands.

1904 Finlayson, Duncan, Jamaica Plain.

1892 Finlayson, Kenneth, Jamaica Plain.

1901 Fisher, Peter, Ellis.

1910 Flanagan, Joseph F., Newton.

1882 Fletcher, George V., Belmont.

1883 Fletcher, J. Henry, Belmont.

1917 Foot, Nathan Chandler, M.D., Milton.

1914 Forbes, Alexander, M.D., Milton.

1909 Forbes, Charles Stewart, Boston.

1909 Forbes, Mrs. J. Maleolm, Milton.

1914 Forbes, W. Cameron, Westwood.

1909 Forbes, Mrs. William H., Milton.

1917 Fosdick, Lucian J., Boston.

1914 Foster, Alfred D., Milton.

1899 Foster, Charles H. W., Needham.

1917 Foster, Miss Fanny, Newport, R. I.

1885 Fottler, John, Jr., Dorchester.

1914 Fraser, Charles E. K., South Natick.

1910 French, Mrs. Albert M., Reading.

1892 French, S. Waldo, Newtonville.

1893 French, W. Clifford, Brookline.

1917 Frishmuth, Miss Anna Biddle, Boston.

1882 Frohoek, Roseoe R., Boston.

1903 Frost, Harold L., Arlington.

1900 Frost, Irving B., Belmont.

1899 Frothingham, Mrs. Louis A., Boston.

1917 Gage, Mrs. Homer, Worcester.

1920 Gale, Herbert E., Swampscott.

1910 Galloupe, Frederic R., Lexington.

1914 Gannett, Samuel, Milton.

1914 Gardiner, Robert H., Gardiner, Maine.

1901 Gardner, Mrs. Augustus P., Hamilton.

1895 Gardner, George P., Boston.

1899 Gardner, John L., Boston.

1899 Gardner, Mrs. John L., Brookline.

1899 Gardner, William Amory, Grafton.

1910 Garland, Mrs. Marie T., Buzzards Bay.

1904 Garratt, Allan V., Holliston.

1899 Gaston, William A., Boston.

1911 Gavin, Frank D., Manchester.

1910 Geiger, Albert, Jr., Brookline.

1911 Gill, Miss Adeline Bradbury, Medford.

1911 Gill, Miss Eliza M., Medford.

1887 Gill, George B., Medford.

1919 Gilmore, George L., Lexington.

1907 Goddard, Samuel J., Framingham.

1904 Goodale, Dr. Joseph L., Boston.

1917 Gordon, Donald, Lincoln.

1899 Gray, Mrs. John C., Boston.

1914 Greene, Edwin Farnham, Boston.

1905 Greenough, Mrs. Charles P., Brookline.

1912 Greenough, Mrs. David S., Jamaica Plain.

1914 Grew, Mrs. Edward S., Boston.

1914 Grew, Edward W., Boston.

1919 Griffin, Arthur E., Marion.

1897 Hale, James O., Byfield.

1873 Hall, Edwin A., Cambridgeport.

1912 Hall, Mrs. George G., Boston.
 1899 Hall, Jackson E., Cambridge.
 1897 Hall, Osborn B., Malden.
 1910 Halloran, Edward J., Newton Highlands.
 1917 Hammond, Mrs. E. C., Auburndale.
 1913 Handler, Max Paul, South Natick.
 1914 Harding, Charles L., Dedham.
 1918 Harding, Mrs. Edward, Plainfield, N. J.
 1889 Hargraves, William J., Jamaica Plain.
 1887 Harris, Thaddeus William, A. M., Littleton, N. H.
 1910 Harris, Prof. William Fenwick, Cambridge.
 1909 Hart, Francis R., Milton.
 1914 Hartt, Arthur W., Brookline.
 1895 Harwood, George Fred, Newton.
 1884 Hastings, Levi W., Brookline.
 1914 Havemeyer, Theodore A., New York, N. Y.
 1891 Hawken, Mrs. Thomas, Rockland, Me.
 1899 Hayward, George P., Chestnut Hill.
 1914 Haywood, H. T., Franklin.
 1905 Head, Thomas W., Lake Forest, Ill.
 1913 Heeremans, F., Lenox.
 1903 Hellier, Charles E., Boston.
 1888 Hemenway, Augustus, Canton.
 1899 Hemenway, Mrs. Augustus, Canton.
 1914 Hemenway, Augustus, Jr., Boston.
 1884 Henshaw, Joseph P. B., Boston.
 1899 Henshaw, Samuel, Cambridge.
 1901 Heurlin, Julius, South Braintree.
 1894 Hewett, Miss Mary Crane, Cambridge.
 1900 Higginson, Francis L., Boston.
 1902 Higginson, Mrs. Henry L., Boston.
 1886 Hittinger, Jacob, Belmont.
 1911 Hittinger, Richard, Belmont.
 1895 Hoitt, Hon. Charles W., Scituate.
 1918 Holbrook, Miss Grace Ware, Boston.
 1914 Hollingsworth, Valentine, Boston.
 1899 Hollingsworth, Z. T., Boston.
 1881 Hollis, George W., Allston.
 1891 Holmes, Edward J., Boston.
 1900 Holt, William W., Norway, Maine.
 1899 Hood, The Hon. Mrs. Ellen Sheen, Surrey, Eng.
 1914 Hornblower, Henry, Boston.
 1888 Horsford, Miss Kate, Cambridge.
 1912 Horton, Arthur E., Lexington.
 1902 Hosmer, Oscar, Baldwinsville.
 1907 Houghton, Clement S., Chestnut Hill.
 1910 Houghton, Miss Elizabeth G., Boston.
 1872 Hovey, Charles H., South Pasadena, Cal.
 1884 Hovey, Stillman S., Woburn.
 1917 Howard, Everett C., Belchertown.
 1904 Howard, Henry M., West Newton.
 1896 Howard, Joseph W., Somerville.
 1915 Howes, Mrs. Ernest, Boston.
 1917 Howes, Osborne, Chestnut Hill.
 1896 Hubbard, Charles Wells, Weston.
 1917 Hubbard, Eliot, Boston.
 1913 Huebner, H., Groton.
 1917 Hunnewell, Mrs. Arthur, Wellesley.
 1912 Hunnewell, F. W., Wellesley.
 1893 Hunnewell, Henry Sargent, Wellesley.
 1912 Hunnewell, Mrs. Henry S., Wellesley.

1882 Hunnewell, Walter, Wellesley.	1910 Kidder, Mrs. Henry P., Boston.
1912 Hunnewell, Walter, Jr., Wellesley.	1880 Kidder, Nathaniel T., Milton.
1917 Hunt, Miss Belle, Boston.	1899 Kimball, David P., Boston.
1892 Hunt, Dudley F., Reading.	1903 Kimball, Richard D., Waban.
1919 Hunt, William, Lexington.	1899 Kinney, H. R., Worcester.
1880 Hunt, William H., Concord.	1906 Kinnicutt, Mrs. Leonard P., Worcester.
1919 I'Anson, George, Beverly Farms.	1904 Kirkland, Archie Howard, Reading.
1893 Jack, John George, East Walpole.	1899 Lamb, Horatio A., Milton.
1886 Jackson, Charles L., Boston.	1913 Lancaster, Dr. Walter B., Brookline.
1914 Jackson, Mrs. James, Jr., Westwood.	1899 Lanier, Charles, Lenox.
1884 Jackson, Robert T., Peterborough, N. H.	1917 Lapham, Henry G., Brookline.
1916 Jahn, Paul H., East Bridgewater.	1920 Lauriat, Charles E., Jr., West Newton.
1916 Jahn, William O., East Bridgewater.	1895 Lawrence, Amos A., New York, N. Y.
1902 James, Ellerton, Milton.	1873 Lawrence, John, Groton.
1902 James, Mrs. Ellerton, Milton.	1899 Lawrence, Rt. Rev. William, Boston.
1913 Jeffries, John Temple L., Philadelphia, Pa.	1895 Lee, Daniel D., Jamaica Plain.
1899 Jeffries, William A., Boston.	1914 Lee, George C., Westwood.
1865 Jenks, Charles W., Bedford.	1880 Leeson, Hon. Joseph R., Newton Centre.
1905 Johnson, Arthur S., Boston.	1920 Leigh, Mrs. George Taylor, North Cohasset.
1914 Johnson, Edward C., Boston.	1902 Leighton, George B., Monadnock, N. H.
1885 Johnson, J. Frank, Malden.	1914 Leland, Lester, Boston.
1907 Jones, Mrs. Clarence W., Brookline.	1914 Leland, Mrs. Lester, Boston.
1897 Jones, Dr. Mary E., Boston.	1903 Libby, Charles W., Medford.
1920 Keith, Simeon C., Brookline.	1917 Liggett, Louis K., Chestnut Hill.
1897 Kellen, William V., Marion.	1899 Locke, Isaac H., Belmont.
1848 Kendall, D.S., Woodstock, Ont.	1891 Lodge, Richard W., Redlands, Cal.
1891 Kendall, Dr. Walter G., Atlantic.	1897 Loomis, Elihu G., Bedford.
1909 Kennedy, Harris, M. D., Milton.	1899 Loring, Augustus P., Beverly.
1905 Keyes, Mrs. Emma Mayer, Boston.	1919 Loring, Augustus P., Jr., Prides Crossing.
1891 Keyes, John M., Concord.	1905 Loring, David, Boston.
1889 Kidder, Charles A., Southborough.	1914 Loring, Miss Katharine P., Prides Crossing.
	1914 Loring, Miss Louisa P., Prides Crossing.

1919 Loring, Mrs. Rosamond B., Prides Crossing.	1906 Maxwell, George H., New- ton.
1899 Loring, Mrs. William Caleb, Beverly.	1917 Mead, Francis V., West Somer- ville.
1899 Lowell, Abbott Lawrence, Bos- ton.	1917 Meader, H. E., Dover, N. H.
1902 Lowell, Miss Amy, Brookline.	1902 Melvin, George, South Fram- ingham.
1903 Lowell, James A., Chestnut Hill.	1905 Meredith, J. Morris, Topsfield.
1903 Lowell, John, Newton.	1919 Merriam, Edward P., Lexing- ton.
1904 Lowell, Miss Lucy, Boston.	1881 Merriam, Herbert, Weston.
1899 Luke, Otis H., Brookline.	1917 Methven, James, Readville.
1895 Lunt, William W., Hingham.	1884 Metivier, James, Waltham.
1918 Lyman, Arthur, Boston.	1914 Mifflin, George H., Boston.
1914 Lyman, C. Frederie, Boston.	1914 Miller, Peter M., Mattapan.
1895 Lyman George H., Wareham.	1888 Milmore, Mrs. Joseph, Wash- ington, D. C.
1898 Mabbett, George, Plymouth.	1917 Mink, Oliver W., Boston.
1919 McGregor, Frank J., Newbury- port.	1915 Minot, Mrs. Charles S., Read- ville.
1912 McKay, Alexander, Jamaica Plain.	1908 Minot, Laurence, Boston.
1911 McKenzie, Donald, Chestnut Hill.	1892 Monteith, David, Hyde Park, Vt.
1892 Mallett, E. B., Jr., Freeport, Me.	1896 Montgomery, Alexander, Na- tick.
1920 Manda, Joseph, West Orange, N. J.	1902 Montgomery, Alexander, Jr., Hadley.
1884 Manda, W. A., South Orange, N. J.	1896 Moore, George D., Arlington.
1887 Manning, J. Woodward, Read- ing.	1881 Moore, John H., Concord.
1884 Manning, Warren H., North Billerica.	1897 Morgan, George H., New York, N. Y.
1909 Marlborough, James, Topsfield.	1914 Morgan, Mrs. J. P., New York, N. Y.
1876 Marshall, Frederick F., Everett.	1913 Morison, Robert S., Cam- bridge.
1898 Marston, Howard, Brookline.	1899 Morse, John T., Boston.
1917 Martin, Edwin S., Chestnut Hill.	1909 Morse, John Torrey, 3d, Bos- ton.
1899 Mason, Miss Ellen F., Boston.	1910 Morse, Lewis Kennedy, Box- ford.
1919 Mason, Miss Fanny P., Boston.	1913 Morse, Robert C., Milton.
1896 Mason, Col. Frederick, Taun- ton.	1914 Morss, Charles A., Chestnut Hill.
1914 Mathews, Miss Elizabeth Ash- by, Newton Center.	1914 Morss, Mrs. Charles A., Chest- nut Hill.
1901 Matthews, Nathan, Boston.	1902 Morton, James H., Huntington, N. Y.

1896 Moseley, Charles H., Roxbury.
 1896 Moseley, Frederiek Strong,
 Newburyport.
 1914 Munroe, Howard M., Lexington.
 1900 Murray, Peter, Fairhaven.
 1897 Muteh, John, Waban.
 1917 Neal, James A., Brookline.
 1899 Nevins, Mrs. David, Methuen.
 1914 Newbold, Frederic R., New
 York, N. Y.
 1874 Newman, John R., Winchester.
 1874 Newton, Rev. William W.,
 Pittsfield.
 1919 Nichols, Mrs. W. L., Brookline.
 1914 Nicholson, William R., Fram-
 ingham.
 1906 Nickerson, William E., Cam-
 bridge.
 1914 Norman, Mrs. Louisa P., New-
 port, R. I.
 1881 Norton, Charles W., Allston.
 1920 Norton, Harry A., Ayer's Cliff,
 Quebec, Canada.
 1912 O'Conner, John, Brookline.
 1898 Olmsted, Frederick Law, Jr.,
 Brookline.
 1898 Orpet, Edward O., Santa Bar-
 bara, Cal.
 1919 Osgood, Miss Alice J., Wellesley
 Hills.
 1917 Osgood, Miss Fanny C., Hope-
 dale.
 1909 Page, George, Newton High-
 lands.
 1909 Page, George William, South
 Lincoln.
 1900 Page, Mrs. Henrietta, Boston.
 1884 Paige, Clifton H., Mattapan.
 1914 Paine, Robert Treat, 2d, Boston.
 1908 Parker, Augustine H., Dover.
 1913 Parker, Edgar, North Easton.
 1911 Parker, Edward, North Easton.
 1915 Parker, Miss Eleanor S., Bedford.
 1917 Parkhurst, Lewis, Wnchester.
 1891 Parkman, Henry, Boston.
 1914 Patten, Miss Jane B., South
 Natick.
 1897 Patten, Marellus A., Tewks-
 bury.
 1909 Peabody, Franeis, Milton.
 1909 Peabody, Mrs. Franeis, Milton.
 1899 Peabody, George A., Danvers.
 1881 Peabody, John E., Brookline.
 1907 Peirce, E. Allan, Waltham.
 1916 Peirce, Edward R., Wellesley
 Farms.
 1915 Penn, Henry, Brookline.
 1899 Pentecost, Mrs. Ernest Harvey,
 Topsfield.
 1917 Peterson, George H., Fair
 Lawn, N. J.
 1899 Pfaff, Col. Charles, South
 Framingham.
 1900 Phillips, John C., North Bev-
 erly.
 1899 Phillips, Mrs. John C., North
 Beverly.
 1899 Phillips, William, North Beverly.
 1895 Pickman, Dudley L., Boston.
 1902 Pickman, Mrs. Ellen R., Bos-
 ton.
 1881 Pierce, Dean, Brookline.
 1905 Pierson, Frank R., Tarrytown,
 N. Y.
 1914 Pingree, David, Salem.
 1919 Poeock, Frederick, Eden Park,
 R. I.
 1900 Pond, Preston, Winchester.
 1892 Porter, James C., Wollaston.
 1884 Pratt, Laban, Dorchester.
 1914 Pratt, Waldo E., Wellesley
 Hills.
 1898 Pray,James Sturgis,Cambridge.
 1914 Preston, Andrew W., Swamp-
 scott.
 1903 Preston, Howard Willis, Prov-
 idence, R. I.
 1911 Priest, Lyman F., Gleasondale.
 1912 Proctor, Henry H., Boston.
 1901 Proctor, Thomas E., Boston.

1899 Putnam, George, Manchester.	1910 Ross, Harold S., Hingham.
1900 Putnam, George J., Brookline.	1895 Rothwell, James E., Brookline.
1886 Quinby, Hosea M., M.D., Worcester.	1899 Roy, David Frank, Marion.
1889 Rand, Harry S., North Cambridge.	1917 Rueter, Mrs. C. J., Jamaica Plain.
1908 Rand, Miss Margaret A., Cambridge.	1875 Russell, George, Woburn.
1903 Rawson, Herbert W., Arlington.	1900 Russell, James S., Milton.
1882 Ray, James F., Franklin.	1914 Russell, Mrs. Robert S., Boston.
1890 Raymond, Walter, Pasadena, Cal.	1919 Ryder, Charles W., Newtonville.
1891 Read, Charles A., Manchester.	1893 Salisbury, William C. G., Brookline.
1902 Reardon, Edmund, Cambridge.	1915 Saltonstall, Mrs. Caroline S., Milton.
1892 Reardon, John B., Boston.	1912 Saltonstall, John L., Beverly.
1912 Reiff, William, Forest Hills.	1912 Saltonstall, Mrs. John L., Beverly.
1905 Remick, Frank W., West Newton.	1899 Saltonstall, Richard M., Chestnut Hill.
1889 Rice, George C., Worcester.	1898 Sanger, Mrs. George P., Boston.
1887 Rich, William P., Chelsea.	1870 Sargent, Charles S., Brookline.
1876 Richards, John J., Brookline.	1902 Sargent, Charles Sprague, Jr., Cedarhurst, N. Y.
1899 Richardson, Mrs. F. L. W., Charles River Village.	1899 Sargent, Mrs. Francis W., Wellesley.
1912 Richardson, H. H., Brookline.	1896 Scorgie, James C., Cambridge.
1918 Richardson, William K., Nahant.	1895 Sears, Miss Clara E., Boston.
1900 Richardson, Dr. William L., Boston.	1899 Sears, Dr. Henry F., Boston.
1905 Riggs, William Allan, Auburndale.	1914 Sears, Horace S., Weston.
1917 Riley, Charles E., Newton.	1899 Sears, Mrs. J. Montgomery, Boston.
1886 Ripley, Charles, Dorchester.	1898 Sharp, Miss Helen, Boston.
1903 Robb, Russell, Concord.	1914 Shattuck, Dr. Frederick C., Boston.
1909 Roberts, Miss Anna B., Boston.	1914 Shattuck, Mrs. Frederick C., Boston.
1909 Robinson, Alfred E., Lexington.	1899 Shaw, Francis, Wayland.
1871 Robinson, John, Salem.	1914 Shaw, Henry S., Milton.
1911 Rogers, Dexter M., Allston.	1899 Shaw, Mrs. Robert G., Wellesley.
1914 Rogers, Dudley P., Danvers.	1901 Shea, James B., Jamaica Plain.
1899 Rogers, Mrs. Jacob C., Peabody.	1906 Sherman, J. P. R., Newton.
1900 Roland, Thomas, Nahant.	1920 Shurtleff, Arthur A., Boston.

1901 Shurtleff, Josiah B., Revere.
 1893 Siebrecht, H. A., New Rochelle, N. Y.
 1917 Silber, Miss Charlotte G., Needham.
 1917 Silsbee, Miss Katharine E., Boston.
 1899 Sleeper, Henry Davis, Boston.
 1903 Smiley, Daniel, Lake Mohonk, N. Y.
 1888 Smith, Charles S., Lincoln.
 1919 Smith, Earnest E., Boston.
 1911 Smith, John L., Swampscott.
 1874 Snow, Eugene A., Cambridge.
 1899 Sohier, Col. William D., Beverly.
 1918 Spalding, Miss Dora N., Boston.
 1908 Spaulding, John T., Prides Crossing.
 1908 Spaulding, William S., Prides Crossing.
 1897 Sprague, Isaac, Wellesley Hills.
 1884 Stearns, Charles H., Brookline.
 1893 Stearns, Frank W., Newton.
 1896 Stedman, Henry R., M. D., Brookline.
 1914 Stevens, Mrs. Nathaniel, North Andover.
 1919 Stewart, George F., Waltham.
 1918 Stimpson, Harry F., Chestnut Hill.
 1901 Stone, Charles A., Newton.
 1889 Stone, Charles W., Boston.
 1910 Stone, Mrs. Francis H., South Dartmouth.
 1914 Stone, Galen L., Brookline.
 1896 Stone, Prof. George E., Amherst.
 1914 Stone, J. Winthrop, Watertown.
 1914 Stone, Nathaniel H., Milton.
 1917 Storey, Moorfield, Boston.
 1905 Storrow, James J., Boston.
 1918 Stranger, David C., West Newbury.
 1905 Stratton, Charles E., Boston.
 1906 Strout, Charles S., Biddeford, Me.
 1914 Sturgis, Miss Evelyn R., Manchester.
 1902 Sturgis, Richard Clipston, Boston.
 1916 Sturtevant, Miss Grace, Wellesley Farms.
 1910 Sullivan, Martin, Jamaica Plain.
 1912 Swan, Charles H., Jamaica Plain.
 1891 Sweet, Everell F., Malden.
 1916 Swett, Raymond W., Newton.
 1904 Sylvester, Edmund Q., Hanover.
 .
 1899 Taylor, Charles H., Boston.
 1900 Taylor, Mrs. Thomas, Jr., Columbia, S. C.
 1913 Tedeastle, Mrs. Arthur W., Hyde Park.
 1917 Thacher, Miss Elizabeth B., Roxbury.
 1912 Thatcher, Arthur E., Bar Harbor, Me.
 1898 Thatcher, William, Brookline.
 1900 Thayer, Mrs. Bayard, South Lancaster.
 1899 Thayer, Mrs. Eugene V. R., South Lancaster.
 1903 Thayer, Henry J., Boston.
 1899 Thayer, John E., South Lancaster.
 1899 Thayer, Mrs. John E., South Lancaster.
 1899 Thayer, Mrs. Nathaniel, Lancaster.
 1899 Thiemann, Hermann, Owosso, Mich.
 1899 Thomas, W. B., Manchester.
 1910 Thurlow, George C., West Newbury.
 1913 Thurlow, Winthrop H., West Newbury.
 1874 Tolman, Miss Harriet S., Boston.
 1896 Toppan, Roland W., Newburyport.

1899 Tower, Miss Ellen May, Lexington.	1914 Watters, W. F., Boston.
1901 Tower, Mrs. Helen M., Cambridge.	1905 Webster, Edwin S., Chestnut Hill.
1914 Towle, L. D., Newton.	1914 Webster, Mrs. Edwin S., Chestnut Hill.
1893 Trepass, Samuel J., Gleneove, L. I., N. Y.	1905 Webster, Frank G., Boston.
1917 Tufts, Bowen, Medford.	1907 Webster, George H., Haverhill.
1910 Turner, Chester Bidwell, Stoughton.	1896 Webster, Hollis, Cambridge.
1914 Tyler, Charles H., Boston.	1905 Webster, Laurence J., Holderness, N. H.
1919 Tyndall, David, Brockton.	1909 Weeks, Andrew Gray, Marion.
1910 Underwood, Henry O., Belmont.	1902 Welch, Edward J., Dorchester.
1901 Underwood, Loring, Belmont.	1914 Weld, Mrs. Charles G., Brookline.
1917 Van Brunt, Mrs. Agnes, Readville.	1917 Weld, Rudolph, Boston.
1919 Vander Voet, Christian, Jamaica Plain.	1914 Weld, Mrs. Stephen M., Wareham.
1873 Vander-Woerd, Charles, Waltham.	1912 Wellington, Mrs. Arthur W., Boston.
1899 Vaughan, William Warren, Boston.	1917 Wellington, William H., Boston.
1884 Vinal, Miss Mary L., Somerville.	1882 West, Mrs. Maria L., Neponset.
1916 Wagstaff, Archibald, Wellesley Hills.	1919 Wheeler, Everett P., Rockland.
1876 Waleott, Henty P., M. D., Cambridge.	1889 Wheeler, James, Natick.
1895 Waldo, C. Sidney, Jamaica Plain.	1897 Wheeler, Wilfrid, Concord.
1896 Walsh, Michael H., Woods Hole.	1919 Whitecomb, Myron L., Haverhill.
1901 Waltham, George C., Dorchester.	1901 White, Mrs. Charles T., Boston.
1907 Walton, Arthur G., Wakefield.	1899 White, George R., Boston.
1902 Warburton, Chatterton, Fall River.	1909 White, Harry K., Milton.
1912 Wardwell, Mrs. T. Otis, Haverhill.	1917 Whitehouse, Mrs. Francis M., Manchester.
1894 Ware, Miss Mary L., Boston.	1905 Whitman, William, Brookline.
1909 Warren, Bentley W., Boston.	1894 Whitney, Arthur E., Winchester.
1884 Watson, Thomas A., East Braintree.	1894 Whitney, Ellerton P., Milton.
	1899 Whitney, Henry M., Cohasset.
	1917 Whittemore, Charles, Cambridge.
	1915 Wigglesworth, Frank, Milton.
	1899 Wigglesworth, George, Milton.
	1889 Wilde, Mrs. Albion D., Canton.
	1881 Wilder, Edward Baker, Dorchester.

1899 Williams, Miss Adelia Coffin, Roxbury.	1914 Winthrop, Grenville L., Lenox.
1905 Williams, George Percy, Boston.	1914 Winthrop, Mrs. Robert, New York, N. Y.
1899 Williams, John Davis, Boston.	1914 Winthrop, Mrs. Robert C., Jr., Boston.
1905 Williams, Mrs. J. Bertram, Cambridge.	1920 Wister, John C., Philadelphia, Pa.
1905 Williams, Mrs. Moses, Brookline.	1870 Wood, William K., Franklin.
1911 Williams, Ralph B., Dover.	1905 Woodberry, Miss E. Gertrude, Winter Hill.
1915 Wilson, E. H., Jamaica Plain.	1905 Woodbury, John, Canton.
1914 Wilson, Fred A., Nahant.	1906 Woodward, Mrs. Samuel Bayard, Worcester.
1919 Wilson, James A., Lexington.	1920 Worthley, L. H., Melrose.
1881 Wilson, William Power, Boston.	1917 Wright, George S., Watertown.
1917 Winslow, Arthur, Boston.	1919 Wyman, Walton G., North Abington.
1905 Winsor, Robert, Weston.	1900 Wyman, Windsor H., North Abington.
1920 Winter, Miss Hattie B., Mansfield.	
1906 Winter, Herman L., Portland, Me.	

ANNUAL MEMBERS.

1913 Adams, Charles F., Jamaica Plain.	1901 Bradley, Miss Abby A., Hingham.
1919 Alexander, J. K., East Bridgewater.	1913 Bradley, Miss Julia H., Roxbury.
1896 Anderson, George M., Milton.	1873 Breck, Charles H., Newton.
1912 Babeock, Miss Mabel Keyes, Wellesley Hills.	1909 Brigham, Mrs. Clifford, Milton.
1911 Bacon, Augustus, Roxbury.	1914 Brown, F. Howard, Marlboro.
1915 Baker, Mrs. G. B., Chestnut Hill.	1916 Brown, Mrs. G. Winthrop, Chestnut Hill.
1918 Barnes, Rowland H., Newton Highlands.	1914 Campbell, Ernest W., Wollaston.
1898 Barr, John, South Natick.	1910 Camus, Emil, Boston.
1916 Barron, Leonard, Garden City, N. Y.	1917 Carlquist, Sigurd W., Lenox.
1917 Beal, Thomas P., Jr., Boston.	1904 Chandler, Alfred D., Brookline.
1917 Blodgett, Mrs. John, Beach Bluff.	1920 Cheney, Mrs. Frederick E., Concord.
1917 Bögholt, Christian M., Newport, R. I.	1917 Child, H. Walter, Boston.
	1910 Churchill, Charles F., Rockland.
	1919 Clark, William Edwin, Sharon.
	1918 Clarke, Hermann F., Brookline.

1918 Cogger, Thomas, Melrose.	1917 Flood, Mrs. Mary, Woburn.
1914 Colt, James D., Chestnut Hill.	1903 Freeman, Miss Harriet E., Boston.
1907 Colt, Mrs. James D., Chestnut Hill.	1919 French, C. H., West Roxbury.
1919 Conant, Miss Margaret W., West Medford.	1912 Gage, L. Merton, Groton.
1917 Conant, Mrs. William C., Boston.	1919 Golby, Walter H., Jamaica Plain.
1917 Coolidge, Mrs. W. H., Boston.	1912 Goodwin, Mrs. Daniel, East Greenwich, R. I.
1915 Copson, William A., Roslindale.	1917 Gordon, George, Beverly.
1914 Crocker, Mrs. George Glover, Boston.	1917 Graton, Louis, Whitman.
1914 Crocker, Joseph Ballard, Chat- ham.	1900 Grey, Robert Melrose, Bel- mont, Cuba.
1914 Crompton, Miss Mary A., Worcester.	1897 Grey, Thomas J., Chelsea.
1881 Crosby, J. Allen, Jamaica Plain.	1919 Hall, Joseph B., Cambridge.
1917 Curtis, Allen, Boston.	1908 Hamilton, Mrs. George Lang- ford, Magnolia.
1875 Curtis, Joseph H., Boston.	1912 Hardy, John H., Jr., Little- ton.
1914 Cushing, Mrs. Harvey, Brook- line.	1894 Hatfield, T. D., Wellesley.
1912 Cutler, Mrs. N. P., Newton.	1917 Hathaway, Walter D., New Bedford.
1910 Dahl, Frederick William, Rox- bury.	1918 Hayes, Herbert W., Waban.
1917 Dalton, Philip S., Milton.	1910 Hayward, Mrs. W. E., Ips- wich.
1889 Davis, Frederick S., West Rox- bury.	1918 Hecht, Prof. August G., Am- herst.
1911 Dolansky, Frank J., Lynn.	1891 Heustis, Warren H., Belmont.
1918 Donald, James, Hingham.	1916 Hibbard, Miss Ann, West Rox- bury.
1897 Dorr, George B., Bar Harbor, Me.	1914 Higginson, Mrs. Alexander H., Manchester.
1919 Emery, Frederick L., Lexington.	1920 Higginson, Mrs. Frederic, Brookline.
1916 Estabrooks, Dr. John W., Wol- laston.	1902 Hildreth, Miss Ella F., West- ford.
1902 Farlow, Mrs. William G., Cam- bridge.	1902 Hill, Arthur Dehon, Boston.
1917 Farr, Mrs. Betty K., Stone- ham.	1884 Hill, J. Willard, Belmont.
1919 Farrington, Edward I., Wey- mouth Heights.	1912 Hollingsworth, Mrs. Sumner, Boston.
1917 Fiske, David L., Grafton.	1913 Holmes, Eber, Halifax.
1901 Fiske, Harry E., Wollaston.	1913 Houghton, Mrs. Clement S., Chestnut Hill.
1894 Fitzgerald, Desmond, Brookline.	1917 Howard, W. D., Milford.

1900 Howden, Thomas, Hudson.	1895 Nicholson, William, Framingham.
1917 Howe, Henry S., Brookline.	1904 Nicol, James, Quincy.
1902 Hubbard, Allen, Newton Centre.	1903 Nixon, J. Arthur, Taunton.
1893 Hubbard, F. Tracy, Brookline.	1915 Parker, A. S., Stoneham.
1913 Jenkins, Edwin, Lenox.	1914 Parker, Miss Charlotte E., Ipswich.
1916 Jenks, Albert R., Newtonville.	1909 Parker, W. Prentiss, Nantucket.
1903 Johnston, Robert, Lexington.	1908 Peabody, Mrs. W. Rodman, Hyde Park.
1898 Kelsey, Harlan P., Salem.	1914 Penibroke, A. A., Beverly.
1898 Kennard, Frederic H., Newton Centre.	1898 Pierce, Mrs. F. A., Brookline.
1912 Kirkegaard, John, Bedford.	1902 Pritchard, John, Bedford Hills, N. Y.
1889 Lancaster, Mrs. E. M., Roxbury.	1912 Proctor, Dr. Francis I., Wellesley.
1914 Leach, C. Arthur, South Hamilton.	1883 Purdie, George A., Wellesley Hills.
1914 Leary, Dr. Timothy, Jamaica Plain.	1913 Putnam, Frank P., North Tewksbury.
1917 Leonard, John E., Wellesley.	1906 Rane, Prof. F. W., Waban.
1904 Leuthy, A., Roslindale.	1897 Rea, Frederic J., Norwood.
1902 Lewis, E. L., Taunton.	1912 Reed, H. B., Auburndale.
1896 Lincoln, Miss Agnes W., Medford.	1914 Rees, Ralph W., Ithaca, N. Y.
1901 Loring, Mrs. Thacher, Boston.	1893 Rich, Miss Ruth G., Newton.
1896 Loring, William C., Beverly.	1888 Rich, William E. C., Ocean Park, Maine.
1903 Lumsden, David, Ithaca, N. Y.	1900 Robb, Peter B., Whitinsville.
1912 McCarthy, Nicholas F., South Boston.	1893 Robinson, Walter A., Arlington.
1904 MacMulkin, Edward, Boston.	1917 Rooney, John P., New Bedford.
1890 Manning, A. Chandler, Wilmington.	1915 Rosenthal, Wolf, Boston.
1919 Millett, Charles H., Malden.	1892 Ross, Henry Wilson, Newtonville.
1917 Mixter, Dr. Samuel J., Boston.	1903 Ross, Walter D., Worcester.
1914 Morse, Frank E., Auburndale.	1909 Russell, Charles F., Castine, Maine.
1919 Morse, Miss Madeline K., Wollaston	1910 Rust, William C., Brookline.
1913 Murray, Peter, Manomet.	1918 Rutherford, William D. F., Norfolk.
1920 Naber, Henry L. F., Boston.	1918 Ryder, Robert L., Lexington.
1916 Nehrling, Prof. Arno H., Crawfordsville, Ind.	1907 Sanborn, Edward W., Boston.
	1897 Sander, Charles J., Brookline.
	1875 Saunders, Miss Mary T., Salem.

1920 Saunders, Maurice M., Boston.	1919 Tillinghast, Joseph J., Hyde Park.
1910 Sears, Prof. F. C., Amherst.	1909 Tracy, B. Hammond, Wenham.
1907 Seaver, Robert, Jamaica Plain.	1913 Tuckerman, Bayard, Ipswich.
1886 Sharples, Stephen P., Cambridge.	1911 Ufford, Charles A., Dorchester.
1907 Sim, William, Clifftondale.	1881 Vaughan, J. C., Chicago, Ill.
1920 Simmons, Miss Annie E. E., Dorchester.	1915 Wadsworth, Ralph E., Northboro.
1915 Slamin, John, Wellesley.	1917 Warren, Miss Cornelia, Waltham.
1910 Smith, D. Roy, Boston.	1914 Waterer, Anthony, 3d, Philadelphia, Pa.
1914 Smith, George N., Wellesley Hills.	1914 Waterer, Hosea, Philadelphia, Pa.
1914 Spaulding, Mrs. Samuel S., Springfield Center, N. Y.	1889 Welch, Patrick, Dorchester.
1914 Sprague, George H., Hamilton.	1915 Wetterlow, Eric H., Manchester.
1917 Stephen, A. L., Waban.	1909 Wheeler, George F., Concord.
1914 Stevenson, Robert H., Readville.	1919 Wheeler, Harry A., Lexington.
1914 Storey, Mrs. Richard C., Boston.	1917 White, Mrs. Joseph H., Brookline.
1914 Sturgis, Miss Lucy Codman, Boston.	1920 Whitney, Leon F., New York.
1904 Symmes, Samuel S., Winchester.	1901 Wilder, Miss Grace S., Dorchester.
1919 Tenney, Albert B., Lexington.	1897 Wilkie, Edward A., Newtonville.
1914 Thayer, John E., Jr., Lancaster.	1913 Williams, Mrs. Emile F., Cambridge.
1919 Thommen, Gustave, Somerville.	1919 Williams, Henry M., Plaistow, N. H.

Massachusetts Horticultural Society

ANNUAL REPORT

FOR THE YEAR 1921



BOSTON

NINETEEN HUNDRED AND TWENTY-TWO

MASSACHUSETTS HORTICULTURAL SOCIETY.

1921.

Beginning with the year 1920 a change is made in the publications of the Society. Since 1874 the "Transactions" have been issued in two parts every year, with the exception of the years 1895, 1896, and 1897, when a third part was added containing a list of accessions to the library. Part 1 contained reports of lectures delivered before the Society and Part 2, the annual reports of the various officers and committees.

The necessity of a more prompt issue of the horticultural papers is recognized and the publication of the "Bulletin" renders it unnecessary to continue the former methods. It is now proposed to use the "Bulletin" for the horticultural papers and to publish an annual report containing the reports of officers and committees.

FRED A. WILSON, <i>Chairman</i>	Committee on <i>Lectures and</i> <i>Publications.</i>
THOMAS ALLEN	
JOHN K. M. L. FARQUHAR	
CHARLES S. SARGENT	

CONTENTS

Officers and Committees for 1921	5
The Inaugural Meeting	7
Report of the Board of Trustees	7
Report of the Committee on Prizes and Exhibitions	12
Report of the Committee on Plants and Flowers	15
Report of the Committee on Fruits	24
Report of the Committee on Vegetables	25
Report of the Committee on Children's Gardens	26
Report of the Librarian	27
Additional Notes by the Secretary	27
Report of the Treasurer	30
Officers and Committees for 1922	37
List of Members, revised to June 1, 1922	39

Massachusetts Horticultural Society.

OFFICERS AND STANDING COMMITTEES FOR 1921.

President.

ALBERT C. BURRAGE, OF BOSTON.

Vice-Presidents.

THOMAS ALLEN, OF BOSTON.
CHARLES S. SARGENT, OF BROOKLINE.

Treasurer.

WALTER HUNNEWELL, OF BOSTON.

Secretary.

WILLIAM P. RICH, OF CHELSEA.*

Trustees.

GEORGE E. BARNARD, OF IPSWICH.
ERNEST B. DANE, OF BROOKLINE.
WILLIAM C. ENDICOTT, OF BOSTON.
JOHN K. M. L. FARQUHAR, OF BOSTON.
ARTHUR H. FEWKES, OF NEWTON HIGHLANDS.
WALTER HUNNEWELL, OF BOSTON.
HENRY H. RICHARDSON, OF BROOKLINE.
THOMAS ROLAND, OF NAHANT.
RICHARD M. SALTONSTALL, OF NEWTON.
MRS. BAYARD THAYER, OF SOUTH LANCASTER.
EDWIN S. WEBSTER, OF BOSTON.
FRED A. WILSON, OF NAHANT.

Nominating Committee.

OAKES AMES, NORTH EASTON. WILTON B. FAY, WEST MEDFORD.
GEORGE E. BARNARD, IPSWICH. DUNCAN FINLAYSON, JAMAICA PLAIN.
THOMAS ROLAND, NAHANT.

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1921

Finance Committee

WALTER HUNNEWELL, *Chairman*
RICHARD M. SALTONSTALL EDWIN S. WEBSTER

Membership Committee

THOMAS ALLEN, *Chairman*
WILLIAM C. ENDICOTT THOMAS ROLAND

Committee on Prizes and Exhibitions

THOMAS ALLEN, *Chairman*
JOHN K. M. L. FARQUHAR ARTHUR LYMAN
THOMAS ROLAND

Committee on Plants and Flowers

T. D. HATFIELD, *Chairman*
DOUGLAS ECCLESTON DONALD MCKENZIE
JULIUS HEURLIN WILLIAM H. JUDD
S. J. GODDARD

Committee on Fruits

FRED A. SMITH, *Chairman*
WALTER H. GOLBY ISAAC H. LOCKE
JAMES METHVEN EDWARD B. WILDER

Committee on Vegetables

WILLIAM N. CRAIG, *Chairman*
EDWARD PARKER JOHN L. SMITH WILLIAM C. RUST

Committee on Gardens

ALBERT C. BURRAGE, *Chairman*
JOHN S. AMES CHARLES SANDER
GEORGE E. BARNARD CHARLES W. HOITT
RICHARD M. SALTONSTALL

Committee on Library

CHARLES S. SARGENT, *Chairman*
ERNEST B. DANE NATHANIEL T. KIDDER

Committee on Lectures and Publications

FRED A. WILSON, *Chairman*
THOMAS ALLEN JOHN K. M. L. FARQUHAR
CHARLES S. SARGENT

Committee on Children's Gardens

JAMES WHEELER, *Chairman*
DR. HARRIS KENNEDY MISS MARIAN R. CASE
MISS MARGARET A. RAND MISS ELEANOR W. ALLEN
MISS LOUISA HUNNEWELL

Superintendent of Exhibitions

JAMES WHEELER, NATICK, MASS.

Massachusetts Horticultural Society

ANNUAL REPORT FOR THE YEAR 1921.

INAUGURAL MEETING.

The Inaugural Meeting of the Massachusetts Horticultural Society for the year 1921 was held at Horticultural Hall, Boston, on Saturday, January 18, at two o'clock, with President Endicott in the Chair.

The retiring President, William C. Endicott, delivered a parting address, reviewing the work of the year 1920, the business transacted by the Board of Trustees, and making certain recommendations for the future work of the Society.

At the close of his address Mr. Endicott presented the incoming President, Albert C. Burrage, who gave an inaugural address entitled "A Plea for the Exotic" which has been published in full in the Society's Bulletin Number 5.

President Burrage then called for the annual reports of the officers and chairmen of the various committees which are summarized on the following pages.

THE BOARD OF TRUSTEES.

The Secretary presented a report of the business transacted by the Board of Trustees during the year 1921.

January 17. On motion of Prof. Sargent Mr. Henry H. Richardson was appointed a Trustee for the current year to fill a vacancy existing in the Board. It was voted to approve the addition of three exhibitions for the year 1921, Miss Marian R. Case having agreed to provide the prizes for them. It was voted that the President appoint an Advisory Committee of five members of the Board of which the President should be chairman. The President

appointed as the other members of this committee Messrs. Sargent, Saltonstall, Farquhar, and Roland.

The following appointments were voted for the current year: Walter Hunnewell as Treasurer, William P. Rich as Secretary *pro tem* also Librarian and Superintendent of the Building. On motion of Mr. Farquhar it was voted that a committee of two be appointed to have supervision and superintendence of the Society's building. Messrs. Burrage and Farquhar were appointed as this committee.

On motion of Mr. Wilson it was voted that the President of the Society be a member *ex officio* of all committees with authority to call and attend meetings but without the right to vote at them.

On motion of Prof. Sargent it was voted that the President appoint a committee of three, the President as chairman, to revise the By-laws of the Society. The President appointed Messrs. Saltonstall and Sargent as the other two members of this committee.

The President suggested the importance of a closer touch with the members of the Society and read a draft of a proposed letter to the members encouraging a greater interest in the work of the Society. On motion of Mr. Wilson it was voted to approve the letter and that a copy be sent to every member of the Society together with the Bulletin containing the President's Inaugural Address.

May 5. It was voted to confirm the appropriation of \$4,500 for advertising the recent Rose Exhibition as previously recommended by the Committee on Prizes and Exhibitions. It was voted that a Spring Exhibition be held in 1922 at which bulb plants in flower should be the principal feature. An appropriation not to exceed \$6,000 was voted for this exhibition and a committee, consisting of Messrs. Burrage, Allen, Farquhar, and Roland, was appointed with authority to frame a schedule for such an exhibition. The President suggested also an exhibition of ferns and wild flowers during the present or the succeeding year and it was voted that the Committee on Prizes and Exhibitions be given full authority to prepare a schedule.

On motion of Prof. Sargent the following named persons were elected to Corresponding Membership in the Society:

Mr. W. R. Dykes, Secretary Royal Horticultural Society.

Mr. Fred J. Chittenden, Wisley Gardens, England.

M. Jacques de Vilmorin, Paris, France.

September 8. The President spoke of the death of Mr. John K. M. L. Farquhar since the last meeting of the Board. Mr. Farquhar had been a member of the Board of Trustees for fifteen years and President of the Society in the years 1913, 1914, and 1915. His death is a loss to the Society as well as to the horticultural interests of a much wider range.

To fill the vacaney existing in the Board on account of the death of Mr. Farquhar Miss Marian R. Case was unanimously elected a Trustee for the remainder of the enrrt year. To fill the vacancies existing in the numerous committees of which Mr. Farquhar was a member, Mr. Burrage was appointed a member of the Committee on the George Robert White Medal of Honor; Mr. Wilson on the Committee on the Supervision of the Society's Building; and Mr. Allen on the Advisory Committee. It was voted that the vacancies in the Committee on Lectures and Publications and on Prizes and Exhibitions remain unfilled for the remainder of the year.

The President offered the following statement:

Boston, September 8, 1921.

Board of Trustees,

Massachusetts Horticultural Society,

Gentlemen:

I hereby propose in writing, at your meeting now being held this 8th day of September, 1921, which is at least two months before the next annual meeting of the Society, which this year comes on November 19th, the following amendments to the by-laws of the Massachusetts Horticultural Society.

Albert C. Burrage.

He offered also a list of the proposed amendments which were duly discussed by the members and on motion of Mr. Endicott it was voted to adopt the statement of the President and to approve the amendments to the By-laws as corrected at the meeting.

It was voted that the Committee on Exhibitions be given full charge of all arrangements for the exhibition of tropical ferns, tropical orchids, and other plants, to be given at Horticultural Hall,

September 22-25, with full power to allot space for exhibits thereat and to change the same from time to time and to make such advertisements of the same as in their discretion is expedient, but at a cost of not exceeding \$500.

The President presented a communication suggesting an exhibition of native ferns and wild flowers in the spring of 1922. He stated that at the Native Orchid Exhibition in April of the present year it became apparent that many members of the Society were deeply interested in the native ferns used in connection with the arrangement of that exhibition and would appreciate seeing a comprehensive exhibit of them. He had already done much work upon such an exhibition and had gathered a large part of the material for it. He further suggested that a special committee be appointed to take charge of the matter with full power to arrange such an exhibition if, in their discretion, it seemed expedient to do so; such committee to have the right to authorize such exhibition, to fix the date for it, to advertise it, and to determine the admission price to be charged.

He also offered to guarantee the Society that the receipts shall at least equal the expenditures for advertising the exhibition, setting it up and transporting the plants to and from such exhibition.

It was voted that a special committee of three be appointed, of which the President shall be the chairman, to consider the matter of the proposed native fern exhibition in the spring of 1922, with an appropriation of \$2,000 for expenses of the exhibition, advertising, etc.

The President appointed as the other members of this committee Messrs. Sargent and Richardson.

It was voted to confirm the appropriation of \$4,773 for the schedule of prizes for the exhibition of September 22-25, 1921, and \$200 for the lecture and Bulletin in connection with it.

On motion of Prof. Sargent the following named persons were elected to corresponding membership in the Society:

Mr. C. E. Lane-Poole, Conservator of Forests, Perth, Western Australia.

Mr. J. F. Bailey, Director, Botanic Gardens, Adelaide, South Australia.

Mr. J. Cronin, Curator, Botanic Gardens, Melbourne, Victoria.

Mr. Alister Clark, Glennara, Bulla, Victoria.

Mr. J. H. Maiden, Director and Government Botanist, Sydney, New South Wales.

Dr. L. Cockayne, "Ngaio," Wellington, New Zealand.

Mr. David Tannock, Supt. of Botanic Gardens, Dunedin, New Zealand.

Mr. L. Rodway, Government Botanist and Secretary, Botanic Gardens, Hobart, Tasmania.

October 7. Communications from W. R. Dykes and F. J. Chittenden were read expressing appreciation of the honor of election to corresponding membership in the Society.

The President spoke of the proposed amendments to the By-laws of the Society and it was voted that the revised draft of the amendments to the By-laws of the Massachusetts Horticultural Society presented at this meeting by the President be and the same are approved. It was voted to authorize voting on the various amendments by Sections at the Annual Meeting of the Society in November.

On motion of Mr. Endicott it was voted to appoint John S. Ames Treasurer of the Society to succeed Walter Hunnewell, deceased, and on motion of Mr. Webster it was voted to appoint Mr. Ames a Trustee for the remainder of the current year. It was further voted that the bond of the Treasurer be made \$25,000 at the expense of the Society.

The President stated that on account of the large financial deficit for the last two years the Advisory Committee recommended a reduction of the appropriation for prizes for the year 1922 and on motion of Prof. Sargent it was voted that the appropriation for prizes for the year 1922 be made \$2,000 to include the income of the special prize funds of the Society, also that the prizes previously voted for the Spring Exhibition be limited to the Bulb Schedule already published.

The special committee on the award of the George Robert White Medal of Honor for the year 1921 reported the name of Mrs. Louisa Yeomans King of Alma, Michigan, for this award. Prof. Sargent, for the committee, stated that it was considered desirable to honor a woman prominent in horticulture, in recognition of her service to horticulture in increasing the love of plants and gardens among

the women of the United States by her success as an organizer and manager of their garden clubs, by her public addresses and books about gardens, and by the example of her enthusiasm and industry. It was voted that the George Robert White Medal of Honor for the year 1921 be awarded to Mrs. Louisa Yeomans King.

On motion of Mr. Webster it was voted that the Treasurer be requested to present at each meeting of the Board a financial statement covering the receipts, expenses, and appropriations to the date of the meeting.

On motion of Prof. Sargent Mr. Gurney Wilson, Editor of the Orchid Review, was elected to corresponding membership in the Society.

PRIZES AND EXHIBITIONS.

Thomas Allen, Chairman of the Committee on Prizes and Exhibitions, presented the following report:

To anyone who reads attentively the published Transactions of the Massachusetts Horticultural Society it must become evident that in the reports of the various officers and committees there is a great deal of duplicate effort and repetition, causing such reports to be unnecessarily voluminous. Largely on account of this condition a committee was appointed to so adjust and amend the existing By-laws of the Society that the duties and functions of officers and committees are now more clearly defined, and as these amendments have been accepted by the Society, it is hoped that from this time on the above-mentioned superfluities will be obviated.

Bearing in mind these facts your Committee on Prizes and Exhibitions makes its report as concise as possible. It has gathered together some comparative figures which should be of interest.

The principal duty of this committee is to prepare a schedule of exhibitions and prizes covering the whole year, of course, under instruction and supervision of the Board of Trustees. In pursuance of this duty your committee, after holding several meetings and giving the matter due consideration, issued a pamphlet of fifty-one pages covering the field of this particular phase of the Society's activities. A supplementary schedule of eight pages covering the Spring Bulb Exhibition for March, 1922, has also

been prepared and issued. This was necessary in order to give the exhibitors ample time for preparation.

Besides the ten regular exhibitions authorized by the Trustees, two special and unusual exhibitions were held which do not appear in either schedule. These were the Native Orchid Exhibition in May and the Grand Exhibition of Tropical Ferns, Orchids, and Other Plants, in September. The latter necessitated the issuance of a short schedule covering 65 classes.

In coöperation with the American Rose Society a Grand Exhibition of Roses and Other Plants was held April 6 to 10, with the following results: 86 classes were scheduled with \$6,789.00 offered in prizes. 72 classes were filled and \$5,085.00 in prizes including cost of medals were awarded. The price of admission to this exhibition was placed at \$1.00. The receipts at the ticket office, and from trade tickets issued at half-price, were \$6,563.00. The expenses, including advertising and installation, came to \$4,218.00, showing a net profit of \$2,345.00. But if we included in the expense account the prizes awarded we have a horse of another color. Prizes awarded, \$5,085.00; expenses, \$4,218.00; total, \$9,303.00. Receipts, \$6,563.00, showing an actual deficit of \$2,740.00.

The next exhibition when an admission fee was charged was the Grand Exhibition of Tropical Ferns, Orchids, and Other Plants, September 22 to 25, with the following results: 65 classes were scheduled, with \$4,773.00 offered in prizes. 50 classes were filled, and \$2,275.00 in cash prizes and \$2,000.00 in medals were awarded. The price of admission was fifty cents, receipts from sale of tickets, \$555.50, general expense, \$866.30, showing a deficit of \$310.80. If we include prizes and medals in the expense account we find a deficit of \$4,585.80, a return of about 12% on the cost.

The third pay exhibition was the Grand Exhibition of Plants, Flowers, Fruits, and Vegetables held November 2 to 6, with the following results: 120 classes were scheduled and 74 filled. \$3,103.00 were offered in cash prizes and medals. \$1,319.00 in cash prizes and \$168.00 in medals were awarded. The price of admission was again fifty cents, receipts from sale of tickets, \$455.00, general expense, \$404.75, net profit, \$50.25. But if we include prizes and medals in the expense account we have a deficit of \$1,436.75.

Summarizing — the total expense of the three pay exhibitions,

including prizes and medals, was \$16,336.05. The total gate receipts were \$7,573.50, showing a net deficit of \$8,762.55.

All the other exhibitions of the year were free and we will ask your patience to consider a few more figures. At the Exhibition of Native Orchids there was an attendance of 22,000. It cost the Society \$623.00. But it gave more pleasure to more people at a less cost *per capita* to the Society than any other show of the year.

Next ranks the Dahlia Show when there was an attendance (during two afternoons) of 5,300. Then follows the Gladiolus Show with 4,959, next the Iris with about 4,000, then Peonies with 3,889, then Sweet Peas with 3,619, and then Roses with 3,523. This matter of attendance, or the response of the public to our endeavors on its behalf, is the most extraordinary and inexplicable with which we have to deal. Seemingly the largest crowds are attracted by novelties, or special and unusual features. If we estimate the popularity of everyday flowers to accord with the attendance at the exhibitions we obtain the following scale: 1. Dahlias, 2. Gladioli, 3. Irises, 4. Peonies, 5. Roses.

The question of music at our exhibitions has been much discussed, and the consensus of opinion, so far as we are able to judge, seems to be that it adds enough to the pleasure of the average visitor to justify it as an adjunct. In quality it should be appropriate to the occasion and therefore should be entrusted to the good graces of some person of undoubted taste in such matters.

Fashion in flowers is as capricious and as unstable as it is in my lady's gowns. That which is top-notch today is in the ash heap tomorrow. As an example take Chrysanthemums. Ten years ago they dominated our autumn exhibition and attracted crowds. Now we do not get enough entries to fill the hall and the crowds of visitors have disappeared. In a measure this may be attributable to the very attractive shows the dealers make in their shops and show windows, the psychological fact being that the public will not pay to see an exhibition when they can get the same pleasure for nothing.

One more question arises which is a debatable one; a question of policy, and is brought up by the rather astounding figures we have given you relative to pay and free exhibitions. Our Society being primarily an educational one, its effort should be to reach as large

a number of persons as possible. We stage two exhibitions of practically equal merit. One is free and we get an attendance of 20,000. The other makes a charge of half a dollar and the attendee drops to less than as many hundreds. The lesson seems obvious.

Our neighbor, The Museum of Fine Arts, also an educational institution, remitted the entrance fee a few years ago with the result of a largely increased number of visitors.

The question is, shall we make all of our exhibitions free to the public?

PLANTS AND FLOWERS.

T. D. Hatfield, Chairman of the Committee on Plants and Flowers, reported in detail the exhibits made at the various exhibitions of the year 1921. An abstract of his report is given herewith.

January 8. At the Inaugural Meeting held this date, President Burrage and J. T. Butterworth showed many rare and beautiful orchids; James Wheeler showed a fine vase of the new pink-colored sport of carnation Matchless; William N. Craig, *Buddleia asiatica*; and S. J. Goddard, a vase of *Erlangea tomentosa* with violet-colored flowers.

April 6-10. The joint exhibition of the Massachusetts Horticultural Society and the American Rose Society exceeded the expectations of the members and others interested. It was one of the best spring shows the Society has held in many years and especially noteworthy for the excellence of the material displayed. Roses and orchids were the principal features. Thomas Roland's rose garden was artistically arranged and contained abundance of the newest and best varieties.

The Breck, Robinson Co.'s garden was quite different in design. If there was any criticism to be made it was lack of color. In other words, a monotony of pink prevailed, which might be according to the tastes of artistically disposed visitors.

The displays of cut roses were excellent. Hybrid Tea roses were the feature. They have quite taken the place of the Tea roses we had years ago. Hardly ever have we seen such magnificent blooms. Orchids also were largely represented.

John S. Ames put up a natural arrangement of Kurume azaleas with rockwork, water, and a dark green background, affording an excellent opportunity to individualize the plants and bring out harmonious color effects.

The Messrs. Farquhar arranged a neat group of Kalmias and Polyanthus in the front vestibule. They kept in first-class condition throughout the show. Lists of other exhibits may be found in the special awards appended to this report.

On April 23 an exhibition of native New England orchids was arranged by President Burrage and scheduled for two days only, but so great was the attraction that it was kept open a week longer. This was probably the most successful exhibition from the viewpoint of attendance the Society has ever held. The paucity of attendance at some of our later exhibitions, where indoor flowers were the feature, may be an indication that the "outdoors" is becoming more and more an attraction and outdoor gardening is to become the gardening of the future. It will be no misfortune if it does. Native trees and even blueberry bushes and water were skilfully used so as to give almost the seclusion of native woods, and the plantings were natural. It was a remarkable achievement to bring so many species in bloom at one time, as many of them do not bloom naturally until late in the season.

May 28. The May Show was too late for lilaes scheduled for this date. A novel feature of the show was the exhibit of miniature rock gardens. Three entries were made, each covering a space $3 \times 2\frac{1}{2}$ feet, filled with wild plants and flowers.

June 4. At the Rhododendron Show held this date the Arnold Arboretum exhibited a new hybrid rhododendron named *Annelieseae*, a cross between *R. arboreum* and *R. calendulaceum*. It was fairly intermediate in character but interesting only as showing what may be expected from this cross. From the Arnold Arboretum came *Rhododendron holmleae* (*R. discolor* \times *R. catawbiense*), a very handsome hybrid raised by Charles Sander. T. C. Thurlow's Sons, Inc., of West Newbury showed a new rhododendron named Wm. P. Rich. It is a very pretty, late, pink-tinted variety, evidently closely related to the variety *delicatissimum*, white.

There were also interesting collections of herbaceous flowers.

June 18 was the date assigned for the Peony Show but it was

too late to be representative. In the vicinity of Boston and south of it they were about past. The Thurlow's Sons' of West Newbury were about right and their exhibit took in about all the best in cultivation. The best blooms in the show came from Ayer's Cliff, Province of Quebec, Canada, and were shown by Harry A. Norton. Mr. Norton also showed La Lorraine, a yellow blooming tree peony of exceptional merit.

June 25. The Rose and Strawberry Show held this date was one of the poorest of the season. The Frick Estate, Manchester, made the only display of hybrid roses of any consequence.

July 9-10. Sweet Pea Show. Sweet peas were in poor condition at the time of this show. The weather had been unfavorable and the only exhibit of any consequence came from the estate of Mrs. Homer Gage, Shrewsbury, Allen J. Jenkins, gardener.

August 13-14. The Gladiolus Show was held in coöperation with the New England Gladiolus Society and was one of the best exhibitions of the year; all the halls were filled to overflowing. The season was just right and the quality of the flowers was never better. The cream of the latest introductions was presented by nearly every exhibitor, especially so in the line of the Kunderd and Primulinus hybrids. About half the blooms shown were of the latter type and were easily noticeable in the yellow, copper, and apricot shades, and softened down the brilliant tints of other types.

September 10. The Dahlia Show. This is always one of our most successful shows. We can always depend on a good display. Dahlia enthusiasts insure a good attendance.

The dahlia has changed wonderfully in the passing years. In days gone by we depended to a great extent on importation, but classes were restricted for the most part to "Show," "Fancy," and "Pompons." Later the Cactus-flowered varieties came in and crosses of the various types, already in cultivation, produced new forms which are now established and known as "Peony Flowered," "Decorative," and "Collarette." Seedlings are easily raised and bloom the first year, so that many new varieties are each year introduced for public favor, and we have become independent of foreign introductions.

September 22-25. A special exhibit of tropical ferns and orchids was held on these dates. Probably never before have so many

ferns of all kinds been brought together at one exhibition and never before has so much effort on the part of the Society failed to attract the public. As a collection of ferns by one exhibitor, that put up by W. A. Manda of South Orange, N. J., was probably the largest ever seen anywhere. It was as complete as possible. All the types, from the stately tree ferns to the most diminutive Selaginellas were included, down even to the reproduction of ferns by spores. Ferns entered everywhere in all the groups and were the dominating feature, but scarcely less so were orchids and hardly anywhere have we seen so many rare and beautiful kinds.

November 2-6. The Chrysanthemum Show held on these dates was the best we have had for years. True, it lacked specimen plants, once the feature, but this deficiency was made up by groups of chrysanthemums arranged with other plants tastefully set up by Loren D. Towle of Newton and Mrs. Homer Gage of Shrewsbury. So nearly were they of equal decorative value that it was difficult for the judges to decide. Hardly secondary to the chrysanthemum displays were the groups of new hybrid begonias shown by Thomas E. Proctor of Topsfield and Edwin S. Webster of Chestnut Hill.

It is fitting here to mention an old exhibitor of chrysanthemums, James Nicol of Quincy, who has been showing cut blooms for more than twenty years. He never failed to enter in the class for the Henry A. Gane prizes. He grew the variety "Mrs. Jerome Jones" exhibited at this exhibition for the last time and has since passed away.

In addition to the money awards as listed in the Schedule the following special awards have been made by the committee:

GOLD MEDAL.

April 6.	Thomas Roland, rose garden.
" "	A. C. Burrage, group of orchids.
" "	J. T. Butterworth, " " "
" "	A. N. Cooley, " " "
" "	Charles Sander, Holm Lea azaleas.
" "	J. S. Ames, artistically arranged group of Kurume azaleas.
" "	S. J. Goddard, Carnation Laddie.
" 23.	A. C. Burrage, display of New England orchids.
May 28.	" " " collection of Odontoglossums.

September 22. W. A. Manda, group of tropical greenhouse ferns.
 " " " " " collection of *Adiantum* ferns.
 " " " " " " " *Polypodium* ferns.
 " " A. C. Burrage, group of tropical greenhouse ferns.
 " " " " " group of tropical ferns and tropical orchids.
 " " " " " collection of *Cibotium* ferns.
 " " Julius Roehrs Co., group of orchids, foliage plants, and ferns.
 " " Brooklyn Botanic Garden, educational collection of ferns.
 " " Oliver Lines, superior cultivation of hybrid Cattleyas.
 " " Douglas Eccleston, artistic arrangement of fern group.
 " " Arthur Lyman, best collection of new and rare greenhouse and foliage plants.

November 2. T. E. Proctor, group of winter-flowering begonias.
 " " A. C. Burrage, group of orchid plants in bloom.

APPLETON GOLD MEDAL.

April 6. J. T. Butterworth, group of orchids.
 " " Walter Hunnewell, " " "
 " " A. C. Burrage, best twelve orchid plants.
 " " " " best six orchid plants.
 " " " " best specimen orchid plant: *Cattleya Schroderae*.
 " " Breck Robinson Co., Landscape Department, for excellence of design of rose garden.
 " " C. S. Sargent, *Taiwania cryptomerioides*.
 " " T. E. Proctor, *Rhododendron Schlippenbachii*.
 " 23. Douglas Eccleston, for natural arrangement of New England orchids.

May 28. George I'Anson, superior cultivation of Odontoglossums.

June 18. J. T. Butterworth, decorative display of Miltonias.

September 22. W. A. Manda, group of tropical greenhouse ferns, 100 sq. ft.
 " " " " " " " " " " 50 sq. ft.
 " " " " " best single *Nephrolepis exaltata*.
 " " " " " best single *Cibotium* fern: *Cibotium Scheidei*.
 " " " " " specimen tree fern.
 " " " " " collection of Dracaenas.
 " " " " " collection of fern plants which best show the fern growth from the germination of the spores through the series of different growths until the plant is fully developed.
 " " " " " collection of Rex Begonias.
 " " T. E. Proctor, best single specimen of *Adiantum* fern: *Adiantum Farleyense*.
 " " A. C. Burrage, collection of twelve *Platycerium* ferns.

September 22. A. C. Burrage, collection of Selaginellas and Lycopodiums.
 " " " " specimen tree fern with other foliage or
 flowering plant attached to stem.
 " " " " group of tropical ferns and Vanda orchids.
 " " " " collection of Rex Begonias.
 " " Mrs. A. F. Estabrook, best single specimen of Polypodium
 fern: *Polypodium Mandaianum*.
 " " A. N. Cooley, group of tropical ferns and tropical orchids.
 " " " " Brasso-Laelio-Cattleya Baroness (L.-C.
 Ophir \times B.-C. *Leemanniae*).
 " " F. R. Pierson, *Nephrolepis exaltata compacta aurea*.
 " " Julius Roehrs Co., *Angiopteris erecta*.
 " " Clement Moore, twenty-five square feet of orchids.
 " " Frederick Pocock, cultivation of rare and choice ferns.
 " " G. E. Baldwin, collection of hybrid orchids.

November 2. E. B. Dane, group of orchid plants in bloom.

SILVER MEDAL.

January 8. A. C. Burrage, Laelio-Cattleya Cardinal Mercier.
 March 5. " " " Cattleya Enid alba var. Silver Queen.
 " " " " Sophro-Laelio-Cattleya Brilliant.
 " " " " *Odontioda Burragei* (*O. Bradshawiae* \times Un-
 known).
 April 6. Walter Hunnewell, group of Dendrobiums.
 " " E. S. Webster, best twelve orchid plants.
 " " A. W. Preston, Brasso-Cattleya Hilda.
 " " A. N. Cooley, Sophro-Laelio-Cattleya Meuse, var. Gen. Nivelle.
 " " Julius Roehrs Co., collection of Odontiodas.
 " " Muller-Sealey Co., Inc., *Cymbidium Pauwelsii*.
 " " A. C. Burrage, specimen orchid plant: *Cattleya Skinneri*.
 " " Charles Sander, Azalea Hilda Hedlund.
 " " " " *Azalea obtusa alba*.
 " " James Marlborough, Rhododendron Pink Pearl.
 " " Walter Hunnewell, display of *Rosa Hugonis*.
 " " William Sim, Carnation Grace Coolidge.
 " " Penn, the Florist, miscellaneous cut flowers.
 " " H. R. Comley, " " "
 May 28. H. F. Chase, Iris Lord of June.
 June 18. T. C. Thurlow's Sons, Inc., display of peonies.
 " 25. Faulkner Farm, best display of herbaceous flowers.
 July 9. E. H. Wetterlow, Tuberous Begonia Frau Helene Harms.
 August 13. C. F. Fairbanks, Gladiolus Dorothy Wheeler.
 " " B. H. Tracy, gladiolus garden.
 September 22. T. E. Proctor, group of tropical greenhouse ferns.

September 22. Wollrath & Sons, group of tropical greenhouse ferns 200 sq. ft.

“ “ “ “ group of tropical greenhouse ferns 100 sq. ft.

“ “ “ “ single *Nephrolepis exaltata*.

“ “ “ “ two specimen ferns in hanging baskets.

“ “ W. A. Manda, twelve distinct varieties of tropical greenhouse ferns.

“ “ W. A. Manda, six distinct varieties of tropical greenhouse ferns.

“ “ W. A. Manda, collection of *Nephrolepis* ferns.

“ “ “ “ collection of *Cibotium* ferns.

“ “ “ “ single specimen of *Adiantum* fern.

“ “ “ “ collection of twelve *Platycerium* ferns.

“ “ “ “ best single *Platycerium* fern: *Platycerium Hillii*.

“ “ “ “ one specimen fern in hanging basket.

“ “ “ “ best collection of new and rare greenhouse and foliage plants.

“ “ A. C. Burrage, single specimen of *Polypodium* fern: *Polypodium Mandaianum*.

“ “ A. C. Burrage, best *Odontoglossum* fern in the exhibition: *Odontoglossum grande*.

“ “ A. C. Burrage, best *Vanda* orchid in the exhibition: *Vanda Lowii*.

“ “ A. C. Burrage, two specimen ferns in hanging baskets.

“ “ A. C. Burrage, one specimen fern in hanging basket: *Polypodium Knightii*.

“ “ A. N. Cooley, best *Cattleya* orchid in the exhibition: *Cattleya Princess Royal (C. Fabia × C. Hardyana)*.

“ “ Mrs. A. F. Estabrook, best single specimen of *Dracaena*.

November 2. L. D. Towle, group of orchid plants in bloom.

“ “ James Marlborough, *Begonia Emily Clibran*.

BRONZE MEDAL.

April 6. Boston Cut Flower Co., basket of roses.

“ 23. William Reoch, hybrid calceolarias.

June 4. Miss Grace Sturtevant, twenty-four vases of irises.

September 22. Wollrath & Sons, one specimen hanging basket with ferns.

FIRST CLASS CERTIFICATE OF MERIT.

January 8. A. C. Burrage, *Cymbidium Doris (C. insigne × C. Tracyanum)*.

“ “ A. C. Burrage, *Odontioda Massachusetts (O. Phoebe × O. Vuylstekeae)*.

January 8. A. C. Burrage, *Odontoglossum amabile* var. *Illuminator* (*O. crispum* \times *O. criso-Harryanum*).
 " " A. C. Burrage, *Odontoglossum Crawshayanum* (*O. Hallii* \times *O. Harryanum*).
 " " A. C. Burrage, orchid display

March 5. A. C. Burrage, *Laelio-Cattleya Sunrise* (*Laelia flara* \times *Cattleya Gaskelliana*).
 " " A. C. Burrage, *Odontioda rosefieldiensis* (*Cochlioda Noetzliana* \times *Odontoglossum triumphans*).

April 6. A. C. Burrage, *Laelio-Cattleya California*.
 " " " " " *labiosa*.
 " " " " " *Miltonia Huexana Flambeau*.
 " " " " " *Odontoglossum ardentissimum Johnsonii*.
 " " " " " *Phalaenopsis Veitchii*.
 " " A. N. Cooley, *Cattleya Mossiae Reineckiana*.
 " " " " " *Brasso-Laelio-Cattleya Joan Potins* var.
 " " " " " *Brasso-Cattleya speciosa grandis*.
 " " " " " *Odontoglossum crispum*.
 " " J. T. Butterworth, *Cypripedium* J. T. Butterworth.
 " " J. B. Duke, *Odontioda Joan* var. *Mrs. Harding*.
 " " Mrs. E. S. Grew, *Nemesia versicolor*.
 " " C. S. Sargent, *Rhododendron phoeniceum* var. *tebotan*.
 " " E. S. Webster, *Odontoglossum lutescens*.
 " " J. H. Dunlop, seedling rose.
 " 23. Mrs. Andrew Adie, *Dendrobium Victoria Regina*.

May 28. Julius Heurlin, *Trollius europaeus* var. *Elinor*.
 " " A. C. Burrage, *Laelio-Cattleya Stevenson* (*Cattleya Empress Frederick* \times *Laelia purpurata*).
 " " A. C. Burrage, *Odontoglossum Aztec* (*O. Peseatorei (nobile)* \times Unknown).
 " " A. C. Burrage, *Odontioda Wilsoni* (*Cochlioda vulcanica* \times *Odontoglossum Peseatorei*).

June 4. Miss Grace Sturtevant, seedling white iris.
 " " " " " *Iris (Parisiana* \times *Mesopotamia*).
 " " Arnold Arboretum, *Rhododendron holmleae* (*R. discolor* \times *R. catawbiense*).

August 13. C. F. Fairbanks, *Gladiolus Marshal Foch*.

September 10. G. L. Fish, collection of seedling dahlias.
 " " W. A. Manda, *Dahlia Mandaiana*.
 " " A. C. Burrage, *Cattleya Petersii* Memorial to Cardinal Gibbons.
 " 22. H. A. Dreer, *Dryopteris viridescens*.
 " " R. & J. Farquhar Co., collection of cut flowers.

November 2. Patten & Co., Carnation Thomas C. Joy.
 " " A. C. Burrage, *Sophro-Cattleya Queen Empress* (*Sophronitis grandiflora* \times *Cattleya Mossiae*).

November 2. E. B. Dane, Cypripedium King Arthur.
 " " " " " Diabolo.
 " " L. D. Towle, Cattleya Leda (*C. Percivaliana* \times *C. Dowiana aurea*).
 " " " " " *Cattleya Ingramiae alba*.

CULTURAL CERTIFICATE.

March 5. Douglas Eccleston, specimen *Cattleya Trianae*.
 April 6. W. W. Edgar Co., group of *Lilium candidum*.
 " " W. C. Rust, specimen Cyclamen plants.
 " " John Uffmann, superior cultivation of Cymbidiums.
 " " William Reoch, specimen hybrid Calceolarias.
 May 28. Douglas Eccleston, *Brassia verrucosa*.
 August 13. A. L. Stephen, superior cultivation of Gladioli.

HONORABLE MENTION

January 8. A. C. Burrage, *Miltonia Bleuana*, Orchidvale var.
 " " J. T. Butterworth, *Odontoglossum tentaculatum* (*O. gloriosum* \times *O. Wilekeanum*).
 " " J. T. Butterworth, Cypripedium Lady Wimborne (*C. villosum* \times *C. Leeanum giganteum*).
 " " S. J. Goddard, *Erlangea tomentosa*.
 April 6. Mrs. W. R. Cross, collection of sweet peas.
 " " S. J. Goddard, Carnation Happy Day.
 " " H. A. Stevens, Carnation Patricia.
 " " Walter Hunnewell, *Choisya ternata*.
 " " R. & J. Farquhar Co., display of Kalmia and primroses.
 May 28. Miss M. R. Case, collection of cut flowering shrubs and herbaceous flowers.
 " " Walter Hunnewell, collection of rhododendrons.
 June 4. E. M. Dunphe, seedling Iris Francis Bennett.
 " " Miss Grace Sturtevant, collection of irises.
 " " H. H. Richardson, *Anisostichus capreolata*.
 " " T. C. Thurlow's Sons, Inc., collection of seedling peonies.
 " " Arnold Arboretum, *Rhododendron Anneliesae* (*R. arboreseens* \times *R. calendulaceum*).
 June 18. Blue Hill Nurseries, collection of seedlings of *Iris laevigata*.
 " " Miss R. A. Butterworth, decorative display of cut orchids.
 " 25. T. D. Hatfield, seedling roses.
 July 9. Blue Hill Nurseries, display of Astilbes, lilies, and Aconitums.
 August 13. James Donald, Cosmos Suffragette.
 September 10. G. L. Fish, Dahlia Hav-a-look Gem.
 " " J. E. Jones, Dahlia Miss Bay State.
 " " T. J. Murphy, Dahlia White Beauty.

September 10. C. L. Alling, seedling decorative dahlia No. 66.
" " Joseph Breck & Sons Corp., collection of dahlias.
" " Fottler, Fiske, Rawson Co., display of dahlias and gladioli.
November 2. Patten & Co., Carnation Natalie.
" " Thomas Roland, display of decorative plants in pots.
" " Arnold Arboretum, collection of berried shrubs.
" " Strouts, display of carnations.
" " Caplan, the Florist, artificial landscape display.
" " H. R. Comley, display of cut flowers.
" " J. J. O'Brien, " " " "

OTHER AWARDS.

April 6, the A. C. Burrage Silver Cup was awarded to the Julius Roehrs Co. for Display of Orchids, to occupy a space of 200 sq. ft.
April 6, the North Shore Garden Club Silver Cup was awarded to Thomas Roland for the best rose suitable for outdoor cultivation in Massachusetts not previously exhibited before the Massachusetts Horticultural Society. Rose Los Angeles.
June 4, the Hillcrest Silver Vase was awarded to Irishorpe for best display of any variety of iris arranged for effect by an amateur, to be awarded to the exhibitor winning it three times.
September 22, a Silver Cup was awarded to A. C. Burrage for the most artistically arranged group in the exhibition.

FRUITS.

Fred A. Smith, Chairman of the Committee on Fruits, presented his report for the year 1921 as follows:

The exhibition of fruit has been a feature of six exhibitions held by the Society this year. The number of the exhibitors and the size of the exhibits have been a disappointment to the committee. There have been many circumstances, however, to contribute to this state of affairs. First among these was the unfavorable climatic conditions which existed at the blossoming periods. Successive and continued frosts and even freezes, extending over a long period and these alternating with rainy periods and long continued lowery weather gave the very reverse of favorable conditions for proper pollination of fruit. This low fertilization was followed by excessive outbreaks of insect and fungous troubles, a condition which often follows.

In spite of the above unusual conditions some of the exhibits of

fruit were good to excellent, notably the grapes, melons, and peaches. The strawberry show was rather disappointing both as to variety and quality and also as to the number of exhibitors.

It would appear that we are now at a turn in the road, or perhaps cross-road, in the fruit section of horticulture. Old orchards are passing out and disappearing at a rapid rate. Many young orchards planted in hope and cherished and cultivated with enthusiasm for a few years are now being badly and sadly neglected. The troublesome times of the past five years have negatived much of the admirable work of the previous decade. Even nursery production of fruit trees and stock has reached the lowest ebb for twenty-five years. The Society through its influence can play an important and constructive part in the reëstablishment of the fruit industry in the state.

We cannot pass without commenting on the severe loss sustained by our orchards during and through the recent ice storm. The loss appears to range from slight, in young orchards, to 30% and even 35% loss in old orchards. Some old orchards, until recently very valuable assets to their farms and owners, are now a questionable asset. Decay and further breaking of the trees must soon follow with the next crop years. More thought must be given to pruning and the shaping of our tree heads.

Outside the usual money awards as listed in the Schedule of Prizes the only special award was that of a Certificate of Honorable Mention to Hillerest Gardens, Weston, for an exhibit of the Senator Dunlap, Premier, and Wilfrid Wheeler strawberries.

VEGETABLES.

William N. Craig, Chairman of the Committee on Vegetables, reported that classes were allotted to vegetables at seven of the eleven prize exhibitions held in 1921. The displays have been on the whole fairly satisfactory. Competition, however, has lacked the snap of former years. Several causes have helped to bring this about. The past season was a most erratic one. The leading exhibitors found difficulty in making displays in the midsummer months owing to enforced shortage of labor on their estates, and the size of premiums offered was not specially attractive.

No novelties of particular value were shown the past season and the solitary Silver Medal allotted for vegetables was awarded at the November exhibition to the Thomas J. Grey Co. for an excellent, well-arranged, and varied display. For an exhibit of peanuts grown on Cape Cod Howard Marston was awarded a Certificate of Honorable Mention. The William B. H. Dowse Trophy was awarded to Thomas W. Little of Dedham whose exhibits through the year were all of commendable excellence.

The committee favors the continuance of the summer exhibitions and would suggest the desirability of holding a large combined fruit and vegetable exhibition in the autumn of 1923, one which would attract skilled growers from a distance. The committee would suggest also that it would be a good plan to ask the vegetable committee to draft a schedule for the year as soon as the number of shows and amount of money available for premiums has been decided upon. If this plan were adopted some of the vagaries in past schedules could be eliminated. A further suggestion and a very important one would be that schedules be printed and distributed on or about January 1 as was formerly done. The late date of issuance of past years has been a handicap to would-be exhibitors.

CHILDREN'S GARDENS.

The Committee on Children's Gardens, through its Chairman, James Wheeler, reported a continued interest in this branch of the Society's activities. Every year the standard of this annual exhibition is higher in quality and arrangement. It is creating a love for horticulture and agriculture, developing better citizens by beautifying their homes and towns and teaching them to conserve their products through the canning clubs. The appropriation for prizes at this exhibition was \$307 all of which was awarded to children representing 26 towns and districts in eastern Massachusetts. A list of the entries at the exhibition, held August 27 and 28, will give some indication of the interest shown. There were 97 plates of string beans entered, 63 of tomatoes, 79 of beets, 51 of carrots, 38 of potatoes, 38 of corn, 85 in the class for any other vegetable, and 21 in the class of preserved vegetables.

Through the interest of several members of the Society the committee was enabled to offer a Challenge Cup for the largest and

best collection of vegetables and flowers from a school garden which brought out keen competition. It was won this year by the William McKinley school of Brockton.

A pleasing addition to the exhibition was an illustrated talk by Miss M. R. Case on "A year in New England as seen by a camera," which showed the children the beauty of the land in which they are living.

THE LIBRARY.

The catalogue of the library of which frequent mention has been made in the Librarian's report in recent years has at last been completed and published. It is a quarto volume of 587 pages arranged in two parts. Part 1 contains an alphabetical list of authors and titles occupying 372 double-column pages and Part 2, a classified arrangement under subject headings occupying 215 pages. It has received highly complimentary notice from horticulturists in both Europe and the United States.

Mr. Warren H. Manning has presented to the library during the year an interesting collection of horticultural trade catalogues numbering several thousands which has not as yet been wholly assorted and added to the already large collection of this material. The additions this year of trade catalogues have been 691 making the total number to January 1, 1922, 11,624.

ADDITIONAL NOTES.

While the details of the various exhibitions of the Society during the year 1921 are fully set forth in the reports of the chairmen of the several committees the Secretary will add a few observations which may be worthy of record.

The appropriations for prizes and gratuities have been the largest for many years. The actual awards made, including medals, have been as follows:

For plants and flowers,	\$9,707.02
For fruits,	473.00
For vegetables,	544.00
For children's gardens,	307.00
<hr/>	
A total of	\$11,031.02

The amount of prizes awarded at the summer shows was comparatively small yet seventy-five per cent of the total attendance for the year was represented in these exhibitions. It is through these summer shows that the principal horticultural educational work of the Society is done.

These statistics contain suggestions worthy of thoughtful consideration in making up the annual schedules of prizes and exhibitions.

In February and March a course of four lectures was given by Professor W. J. V. Osterhout of Harvard University. His subject was "The Means of Controlling the Growth and Form of the Plant," with especial reference to the effects of food, water, soil conditions, poisons, vitamins, and stimulants. The charm of Professor Osterhout's manner in addition to the subject treated rendered these lectures of more than usual interest.

It has been often suggested that lectures be given at the regular exhibitions of the Society by horticulturists who have had special practical experience in the cultivation of the principal flowers shown. This suggestion was made effective this year through the generous interest of Miss Marian Roby Case who provided the following named lecturers for the nine summer and autumn exhibitions:

May 28-29. Kenneth W. Gillett, Southwick, Mass., on the cultivation of wild flowers.

June 4-5. T. D. Hatfield, Wellesley, Mass., on rhododendrons and azaleas.

June 18-19. Bertrand H. Farr, Wyomissing, Pa., on peony culture.

June 25-26. Wilfrid Wheeler, Concord, Mass., on strawberry culture.

July 9-10. Allen J. Jenkins, Shrewsbury, Mass., on sweet pea culture.

August 13-14. H. E. Meader, Dover, N. H., on gladiolus culture.

August 27-28. Miss Marian R. Case, Weston, Mass., an illustrated lecture, a year of New England scenery.

September 10-11. J. K. Alexander, East Bridgewater, Mass., on dahlia growing.

November 2-6. Albert R. Jenks, West Acton, Mass., on orchard fruit culture.

In addition to the above a lecture on tropical ferns was given by Ralph C. Benedict, Brooklyn, N. Y., in connection with the Tropical Fern Exhibition, September 22-25. These lectures are a valuable addition to the educational work of the Society.

At the Annual Meeting of the Society in November numerous amendments to the By-laws, recommended by the Trustees, were presented for action by the members, resulting in their adoption by more than the two-thirds vote required.

The publications of the Society during the year and the dates of issue are as follows:

February 5. Bulletin No. 5. A Plea for the Exotic.

February 11. Schedule of Prizes and Exhibitions for 1921, 52 pages.

February 19. Completed Catalogue of the Library. 587 pages.

March 18. Bulletin No. 6. The Arrangement of Flowers in public exhibitions.

March 21. Bulletin No. 7. Winter Flowering Begonias.

April 6. Bulletin No. 8. Literature of the Rose.

April 20. Annual Report for 1920, 60 pages.

June 15. Schedule of Prizes for the Tropical Fern Exhibition, September 22-25, 4 pages.

June 28. Preliminary Schedule of Prizes for the Spring Bulb Exhibition, March, 1922, 8 pages.

WILLIAM P. RICH,
Secretary.

MASSACHUSETTS HORTICULTURAL SOCIETY.

REPORT OF THE TREASURER FOR THE YEAR 1921.

INCOME.

Income from Investments and Bank Interest	\$15,094 92
" " Rents	9,106 69
" " Membership Fees	634 00
" " Exhibitions, net	1,844 52
" " Sale of Lots in Mt. Auburn Cemetery	3,596 00
	<hr/>
	\$30,276 13

EXPENSES.

Operating Expense 26,462 08

Viz: Salaries	\$5,124 00
Insurance	1,163 13
Heating	2,155 15
Labor	5,373 70
Incidentals	3,724 16
Stationery and Printing	1,588 07
Lighting	1,926 91
Library	402 93
Postage	285 00
Repairs	948 52
Library Catalogue	3,702 58
Sundry Donations	67 93
	<hr/>

Prizes 7,776 00

Viz: Plants and Flowers in excess of	
Income from Special Funds .	7,006 00
Fruits in Excess of Income from	
Special Funds	55 00
Vegetables in Excess of Income	
from Special Funds	408 00
Children's Gardens	307 00
	<hr/>

Expenditures by Committees 2,648 02

Viz: Lectures and Publications	460 00
Medals	1,664 02
Plants	304 00
Fruits	84 00
Vegetables	136 00
	<hr/>

Expenses Paid from Funds	\$2,130 26
Viz: Samuel Appleton Fund	\$52 00
John A. Lowell "	34 00
Theodore Lyman "	538 00
Josiah Bradlee "	68 00
H. H. Hunnewell "	32 00
W. J. Walker "	89 00
Levi Whitecomb "	47 00
Benj. B. Davis "	10 00
Marshall P. Wilder "	38 00
John Lewis Russell "	40 00
Henry A. Gane "	139 00
John S. Farlow "	197 87
John D. W. French "	301 39
Benj. H. Pierce "	24 00
John C. Chaffin "	64 00
Benj. V. French "	120 00
John Allen French "	184 00
John S. Farlow "	92 00
A. C. Burrage "	60 00
Legal Expense	59 48
Excess of Expenditures over Income	8,799 71 \$39,075 84

ASSETS.

ASSETS (Book Value) DECEMBER 31, 1921.

Real Estate	\$498,564 63
Furniture and Exhibition Ware	7,982 61
Library	46,580 47
\$2000 Kansas, Clinton & Springfield 5% Bds. 1925	1,980 00
\$10,000 Lake Shore & Mich. Southern R. R. 3½% Bds. 1997	10,000 00
\$21,000 City of Newton, 4% Bds. 1928	21,000 00
\$50,000 Atchison, Topeka & Santa Fe, 4% Bds. 1995	44,693 25
\$50,000 Chicago, Burlington & Quincy, Neb. 4% Bds. 1927	50,000 00
\$11,300 Pere Marquette R. R. 5% Bds.	9,933 75
\$25,000 Kan. City, Ft. Scott & Memphis, 6% Bds. 1928	25,000 00
\$50,000 Chicago, Burlington & Quincy, Ill. Div. 3½% Bds. 1949	50,000 00

\$8,000 Boston & Maine R. R. 4 $\frac{1}{2}$ % Bds. 1944	\$8,000 00
\$4,000 Amer. Tel & Tel. Co. Convert 4% Bds.	
1936	4,000 00
\$4,000 Interborough Rap. Transit 5% Bds. 1966	3,920 00
\$12,000 Pacific Tel. & Tel. Co. 5% Bds. 1937 .	11,670 00
\$10,000 Amer. Tel. & Tel. Co. 4 $\frac{1}{2}$ % Bds. 1933 .	8,396 00
\$12,000 United States Liberty Bds. 2nd Conv.	
4 $\frac{1}{4}$ %	12,000 00
\$5,000 United States Steel 5% Bds. 1963 . . .	5,043 75
331 Shares General Electric Co.	13,696 49
110 Shares Standard Oil Co. of New Jersey . . .	11,550 00
Treasurer's Cash	268 91
Bursar's Cash	1,696 90
	\$845,976 76

LIABILITIES.

Samuel Appleton	Fund	. . . . .	\$1,046 00
John A. Lowell	"	. . . . .	1,058 00
Theodore Lyman	"	. . . . .	11,291 00
Josiah Bradlee	"	. . . . .	1,020 00
Benjamin V. French	"	. . . . .	565 00
H. H. Hunnewell	"	. . . . .	4,537 00
W. J. Walker	"	. . . . .	2,428 07
Levi Whitecomb	"	. . . . .	533 00
Benjamin B. Davis	"	. . . . .	570 00
Marshall P. Wilder	"	. . . . .	1,011 00
John L. Russell	"	. . . . .	1,000 00
Francis B. Hayes	"	. . . . .	11,600 00
Henry A. Gane	"	. . . . .	1,245 00
John S. Farlow	"	. . . . .	2,657 54
Benjamin H. Pierce	"	. . . . .	904 00
John C. Chaffin	"	. . . . .	1,286 89
Benjamin V. French	"	. . . . .	3,122 00
John Allen French	"	. . . . .	5,375 00
George R. White	"	. . . . .	8,184 18
John S. Farlow	"	. . . . .	3,244 42
Helen Collamore	"	. . . . .	5,000 00
Caroline S. Freeman	"	. . . . .	10,000 00
J. D. W. French	"	. . . . .	12,183 29
Albert C. Burrage	"	. . . . .	1,200 00
Capital and Reserve	"	. . . . .	\$91,061 39
			754,915 37

\$845,976 76

BALANCE SHEET — JANUARY 1, 1922.

ASSETS.

MEMBERSHIP.

December 31, 1921.

Life Members, December 31, 1920	772
Added in 1921	33
Changed from Annual	2
	—
Deceased	807
	24
	783
Annual Members, December 31, 1920	199
Added in 1921	30
	—
	229
Changed to Life	2
Deceased	3
Resigned	2
Dropped for non-payment of dues	4 11 218
Membership, December 31, 1921	1001

INCOME FROM MEMBERSHIP.

33 New Life Members at \$30	990 00
30 New Annual Members at \$10	300 00
2 Annual Members, changed to Life	40 00
Annual Members' Dues for 1921	334 00
	<hr/>
	\$1,664 00

JOHN S. AMES,
Treasurer.

OFFICERS, COMMITTEES, AND MEMBERS, 1922.

Massachusetts Horticultural Society

OFFICERS AND STANDING COMMITTEES FOR 1922.

President.

ALBERT C. BURRAGE, OF BOSTON.

Vice-Presidents.

THOMAS ALLEN, OF BOSTON.
CHARLES S. SARGENT, OF BROOKLINE.

Treasurer.

JOHN S. AMES, OF NORTH EASTON.

Secretary.

WILLIAM P. RICH, OF CHELSEA.*

Trustees.

JOHN S. AMES, OF NORTH EASTON.
FRANCIS H. APPLETON, OF BOSTON.
MISS MARIAN R. CASE, OF WESTON.
MRS. S. V. R. CROSBY, OF BOSTON.
ERNEST B. DANE, OF BROOKLINE.
WILLIAM C. ENDICOTT, OF BOSTON.
NATHANIEL T. KIDDER, OF MILTON.
ARTHUR LYMAN, OF BOSTON.
JAMES METHVEN, OF READVILLE.
HENRY H. RICHARDSON, OF BOSTON.
THOMAS ROLAND, OF NAHANT.
MRS. BAYARD THAYER, OF SOUTH LANCASTER.
GEORGE C. THURLOW, OF WEST NEWBURY.
HENRY P. WALCOTT, OF CAMBRIDGE.
EDWIN S. WEBSTER, OF BOSTON.
ERNEST H. WILSON, OF JAMAICA PLAIN.
FRED A. WILSON, OF NAHANT.

Nominating Committee.

ROBERT CAMERON, OF IPSWICH. NATHANIEL T. KIDDER, OF MILTON.
WILLIAM N. CRAIG, OF BROOKLINE. ARTHUR LYMAN, OF BOSTON.
LOREN D. TOWLE, OF NEWTON.

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1922

Finance Committee

ALBERT C. BURRAGE, *Chairman*

JOHN S. AMES

WILLIAM C. ENDICOTT

RICHARD M. SALTONSTALL*

Executive Committee

ALBERT C. BURRAGE, *Chairman*

THOMAS ALLEN

WILLIAM C. ENDICOTT CHARLES S. SARGENT

THOMAS ROLAND

RICHARD M. SALTONSTALL *

Membership Committee

NATHANIEL T. KIDDER, *Chairman*

MISS MARIAN R. CASE

GEORGE C. THURLOW

Committee on Prizes

THOMAS ROLAND, *Chairman*

HENRY H. RICHARDSON

GEORGE C. THURLOW

Committee on Exhibitions

THOMAS ALLEN, *Chairman*

WILLIAM N. CRAIG

THOMAS ROLAND ERNEST H. WILSON

MISS MARIAN R. CASE

Committee on Library

CHARLES S. SARGENT, *Chairman*

NATHANIEL T. KIDDER

Committee on Lectures and Publications

FRED A. WILSON, *Chairman*

CHARLES S. SARGENT

Committee on Buildings

JOHN S. AMES, *Chairman*

FRED A. WILSON

Committee on Gardens

WILLIAM C. ENDICOTT, *Chairman*

MRS. FRANCIS B. CROWNINSHIELD

MRS. BAYARD THAYER

Committee on George R. White Medal of Honor

CHARLES S. SARGENT, *Chairman*

MRS. S. V. R. CROSBY

WILLIAM C. ENDICOTT

Committee on Children's Gardens

JAMES METHVEN, *Chairman*

MISS ELEANOR W. ALLEN

MISS LOUISA HUNNEWELL

Committee on Plants and Flowers

T. D. HATFIELD, *Chairman*

WILLIAM ANDERSON

WILLIAM H. JUDD

GEORGE F. STEWART

Committee on Fruits

EDWARD B. WILDER, *Chairman*

W. A. MUNSON

WILFRID WHEELER

Committee on Vegetables

WILLIAM N. CRAIG, *Chairman*

EDWARD PARKER

WILLIAM C. RUST

* Deceased, April 17, 1922.

MEMBERS OF THE MASSACHUSETTS HORTICULTURAL SOCIETY.

Revised to June 1, 1922.

HONORARY MEMBERS.

Members and correspondents of the Society and all other persons who may know of deaths, changes of residence, or other circumstances showing that the following lists are inaccurate in any particular, will confer a favor by promptly communicating to the Secretary the needed corrections.

1900 DR. HENRY S. PRITCHETT, New York.

1900 ALBERT VIGER, President of the National Society of Horticulture of France, Paris.

CORRESPONDING MEMBERS.

1921 J. F. BAILEY, Director of the Botanic Gardens, Adelaide, South Australia.

1889 DR. L. H. BAILEY, Ithaca, N. Y.

1918 ISAAC BAYLEY BALFOUR, M. D., LL. D., F. R. S., Edinburgh, Scotland.

1875 PROFESSOR WILLIAM J. BEAL, Amherst, Mass.

1911 W. J. BEAN, Royal Botanic Gardens, Kew, England.

1918 DÉSIRÉ BOIS, Paris, France.

1918 LÉON CHENAULT, Orléans, France.

1921 F. J. CHITTENDEN, F. L. S., R. H. S. Gardens, Surrey, England.

1921 ALISTER CLARK, Glenara, Bulla, Victoria.

1921 DR. L. COCKAYNE, Wellington, New Zealand.

1921 J. CRONIN, Curator of the Botanic Gardens, Melbourne, Victoria.

1911 JOHN DUNBAR, Park Department, Rochester, N. Y.

1887 SIR W. T. THISELTON DYER, K. C. M. G., F. R. S., "Witcombe," Gloucester, England.

1921 W. R. DYKES, Secretary of the Royal Horticultural Society, London, England.

1918 WILLIAM C. EGAN, Highland Park, Ill.

1887 H. J. ELWES, F. R. S., Colesborne, Cheltenham, England.

1918 BERTRAND H. FARR, Wyomissing, Pa.

1893 B. E. FERNOW, University of Toronto, Toronto, Ontario.

1900 DR. BEVERLY T. GALLOWAY, Department of Agriculture, Washington, D. C.

1877 GEORGE LINCOLN GOODALE, M. D., Cambridge, Mass.

1918 PROFESSOR N. E. HANSEN, Brookings, So. Dak.

1911 PROFESSOR U. P. HEDRICK, New York Agricultural Experiment Station, Geneva, N. Y.

1907 AUGUSTINE HENRY, F. L. S., M. R. I. A., Professor of Forestry, Royal College of Science, Dublin, Ireland.

1919 LT.-COL. SIR GEORGE HOLFORD, Tetbury, Gloucestershire, England.

1918 CHARLES L. HUTCHINSON, Chicago, Ill.

1906 SENOR DON SALVADOR IZQUIERDO, Santiago, Chile.

1918 MRS. FRANCIS KING, Alma, Mich.

1921 C. E. LANE-POOLE, Conservator of Forests, Perth, Western Australia.

1911 ÉMILE LEMOINE, Nancy, France.

1918 J. HORACE McFARLAND, Harrisburg, Pa.

1921 J. H. MAIDEN, I. S. O., F. R. S., F. L. S., Director and Government Botanist, Sydney, New South Wales.

1875 T. C. MAXWELL, Geneva, N. Y.

1911 WILHELM MILLER, Detroit, Mich.

1898 SIR FREDERICK W. MOORE, Glasnevin, Dublin, Ireland.

1918 DR. GEORGE T. MOORE, Director of the Missouri Botanical Garden, St. Louis, Mo.

1887 SIR DANIEL MORRIS, C. M. G., D. Sc., M. A., F. L. S.

1919 SÉRAPHIN JOSEPH MOTTET, Verrières-le-Buisson (Seine-et-Oise), France.

1912 C. HARMAN PAYNE, London, England.

1906 Lt.-Col. SIR DAVID PRAIN, C. I. E., C. M. G., F. R. S., Kew, England.

1894 CAVALIÈRE ENRICO RAGUSA, Palermo, Sicily.

1906 DR. HENRY L. RIDLEY, C. M. G., F. R. S., Kew, England.

1898 BENJAMIN LINCOLN ROBINSON, Ph.D., Curator of the Gray Herbarium of Harvard University, Cambridge, Mass.

1875 WILLIAM ROBINSON, East Grinstead, Sussex, England.

1921 LEONARD RODWAY, C. M. G., Government Botanist and Secretary, Botanic Gardens, Hobart, Tasmania.

1919 EUGÈNE SCHÄTTEL, Paris, France.

1921 DAVID TANNOCK, Superintendent, Botanic Gardens, Dunedin, New Zealand.

1893 PROFESSOR WILLIAM TRELEASE, University of Illinois, Urbana, Illinois.

1882 SIR HARRY J. VEITCH, Chelsea, England.

1921 JACQUES DE VILMORIN, Paris, France.

1912 PROFESSOR HUGO DE VRIES, University of Amsterdam, Amsterdam, Holland.

1918 F. GOMER WATERER, Bagshot, Surrey, England.

1894 WILLIAM WATSON, Kew, England.

1919 J. C. WILLIAMS, Gorran, Cornwall, England.

1906 MISS E. WILLMOTT, Essex, England.

1911 E. H. WILSON, Jamaica Plain, Mass.

1921 GURNEY WILSON, F. L. S., Richmond, Surrey, England.

1901 PROFESSOR L. WITTMACK, Secretary of the Royal Prussian Horticultural Society, Berlin, Prussia.

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1907 Adams, George E., Kingston, R. I.	1912 Bache, James S., Sharon, Conn.
1897 Adams, Henry Saxton, Jamaica Plain.	1905 Backer, Clarenee A., Melrose.
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1916 Allen, Edward Ellis, Water- town.	1902 Bailey, Robert M., Dedham.
1905 Allen, Mrs. Sarah R., Wilming- ton.	1902 Baker, Clifton P., Dedham.
1898 Allen, Thomas, Boston.	1901 Baker, James E., South Lincoln.
1921 Allison, Frank H., Auburndale.	1904 Baleh, Joseph, Dedham.
1914 Ames, Mrs. F. L., North Easton.	1909 Baldwin, Frank F., Ashland.
1899 Ames, John S., North Easton.	1888 Barber, J. Wesley, Newton.
1894 Ames, Oakes, North Easton.	1905 Barnard, George E., Ipswich.
1899 Ames, Oliver, North Easton.	1866 Barnes, Walter S., Brookline.
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1896 Anderson, George M., Milton.	1901 Bartlett, Miss Mary F., Boston.
1899 Anderson, Larz, Brookline.	1914 Bartol, Dr. John W., Boston.
1911 Anderson, William, South Lan- easter.	1915 Bartsch, Hermann H., Waver- ley.
1871 Appleton, Hon. Francis H., Boston.	1901 Bates, Miss Mary D., Ipswich.
1914 Appleton, Francis R., New York, N. Y.	1915 Bauernfeind, John, Medford.
1913 Appleton, Henry Saltonstall, Boston.	1899 Baylies, Walter C., Taunton.
1914 Apthorp, Mrs. Harrison O., Milton.	1914 Beal, Mrs. Boylston, Boston.
1900 Arnold, Mrs. George Francis, Brookline.	1905 Beal, Thomas P., Boston.
1894 Ash, John, Pomfret Centre, Conn.	1891 Becker, Frederick C., Cam- bridge.
1890 Atkins, Edwin F., Belmont.	1876 Beckford, Daniel R., Jr., Ded- ham.
	1894 Beebe, E. Pierson, Boston.
	1890 Beebe, Franklin H., Boston.
	1905 Bemis, Frank B., Boston.
	1914 Bemis, Mrs. Frank B., Boston.
	1899 Bigelow, Albert S., Boston.
	1914 Bigelow, Charles, Brookline.
	1899 Bigelow, Joseph S., Cohasset.

1899 Bigelow, Dr. William Sturgis, Boston.	1912 Brooks, Walter D., Milton.
1899 Black, George N., Boston.	1909 Brown, Mrs. John Carter, Prov- idence, R. I.
1885 Blake, Mrs. Arthur W., Brook- line.	1907 Brush, Charles N., Brookline.
1914 Blake, Benjamin S., Auburndale.	1919 Buff, Louis F., Jamaica Plain.
1897 Blake, Edward D., Boston.	1906 Buitta, Vincent, Newton Upper Falls.
1919 Blake, Hallie C., Lexington.	1914 Bullard, Alfred M., Milton.
1919 Blake, Kenneth Pond, Lexing- ton.	1918 Burgess, George Arthur, Mar- blehead.
1918 Blanchard, Archibald, Boston.	1920 Burgess, William H., Lexington.
1921 Blood, Charles O., Lynnfield Center.	1897 Burlen, William H., East Hol- liston.
1921 Blood, Mrs. Charles O., Lynn- field Center.	1895 Burnett, Harry, Southborough.
1908 Blood, Eldredge H., Swamp- scott.	1911 Burnett, John T., Southbor- ough.
1905 Boardman, Miss Eliza D., Boston.	1914 Burnett, Robert M., South- borough.
1914 Boit, Miss Elizabeth E., Wake- field.	1914 Burnham, Miss Helen C., Bos- ton.
1883 Bowditch, James H., Brookline.	1909 Burr, I. Tucker, Milton.
1894 Bowditch, Nathaniel I., Fram- ingham.	1906 Burrage, Albert C., Boston.
1877 Bowditch, William E., Roxbury.	1919 Burrage, Mrs. Albert C., Bos- ton.
1913 Brackett, C. Henry B., Boston.	1918 Burrage, Albert C., Jr., Ham- ilton.
1914 Brandegee, Mrs. Edward D., Brookline.	1918 Burrage, Charles D., Boston.
1873 Breck, Charles H., Newton.	1921 Burrage, Harry L., Boston.
1900 Breck, Joseph Francis, Waban.	1918 Burrage, Russell, Beverly Farms.
1914 Breck, Luther Adams, Newton.	1907 Butterworth, George William, South Framingham.
1902 Breed, Edward W., Clinton.	1906 Butterworth, J. Thomas, South Framingham.
1871 Bresee, Albert, Hubbardton, Vt.	1921 Butterworth, Miss Rachel, Framingham.
1914 Brewer, Edward M., Milton.	1905 Buttrick, Stedman, Concord.
1914 Brewer, Joseph, Milton.	1902 Cabot, George E., Boston.
1918 Brewer, William C., Newton Centre.	1914 Cabot, Henry B., Brookline.
1919 Briggs, George E., Lexington.	1896 Cameron, Robert, Ipswich.
1910 Briggs, Mrs. George R., Ply- mouth.	1913 Campbell, Chester I., Wollaston.
1897 Briggs, William S., Lincoln.	1891 Campbell, Francis, Cambridge.
1873 Brigham, William T., Hono- lulu, Hawaii.	1899 Casas, W. B. de las, Malden.
1909 Brooke, Edmund G., Jr., Prov- idence, R. I.	1911 Case, Miss Marian Roby, Wes- ton.
1914 Brooks, Henry G., Milton.	

1918 Chalifoux, Mrs. H. L., Prides Crossing.	1892 Cottle, Henry C., Boston.
1873 Chamberlain, Chauncey W., Waban.	1917 Cotton, Miss Elizabeth A., Brookline.
1909 Chamberlain, Montague, Boston.	1914 Councilman, Dr. W. T., Boston.
1920 Chandler, Joseph Everett, Boston.	1917 Cowey, S. R., Maine.
1903 Chapman, John L., Prides Crossing.	1913 Cox, Simon F., Mattapan.
1917 Chase, H. F., Andover.	1914 Crafts, Miss Elizabeth S., New York, N. Y.
1909 Chase, Philip Putnam, Milton.	1920 Craig, Mrs. Helen M., Boston.
1895 Cheney, Mrs. Elizabeth S., Boston.	1901 Craig, William Nicol, Brookline.
1921 Chubbuck, William H., Mattapan.	1917 Crane, Charles R., New York, N. Y.
1876 Clapp, Edward B., Dorchester.	1917 Crane, Mrs. R. T., Jr., Chicago, Ill.
1919 Clapp, Robert P., Lexington.	1891 Crawford, Dr. Sarah M., Newton Center.
1896 Clark, B. Preston, Cohasset.	1917 Crocker, Mrs. George U., Boston.
1896 Clark, Miss Eleanor J., Pomfret Centre, Conn.	1914 Crompton, Miss Isabel M., Worcester.
1907 Clark, Herbert A., Belmont.	1887 Crosby, George E., West Medford.
1890 Clark, J. Warren, Millis.	1881 Crosby, J. Allen, Jamaica Plain.
1914 Clifford, Charles P., Milton.	1914 Crosby, Mrs. S. V. R., Boston.
1895 Clough, Micajah Pratt, Lynn.	1901 Cross, Alfred Richard, North Cohasset.
1894 Cobb, John C., Milton.	1921 Crowninshield, Benjamin W., Marblehead.
1906 Codman, Miss Catherine A., Westwood.	1921 Crowninshield, Francis B., Boston.
1914 Codman, James M., Brookline.	1921 Crowninshield, Mrs. Francis B., Boston.
1903 Cogswell, Edward R., Jr., Newton Highlands.	1909 Cumner, Mrs. Nellie B., Boston.
1914 Collins, William J., Brookline.	1856 Curtis, Charles F., Jamaica Plain.
1917 Comley, Henry R., Lexington.	1899 Curtis, Charles P., Boston.
1902 Comley, Norris F., Lexington.	1875 Curtis, Joseph H., Boston.
1921 Conant, Mrs. Nellie F., Boston.	1920 Curtiss, Frederic Haines, Boston.
1917 Converse, E. W., Newton.	1906 Cutler, Mrs. Charles F., Boston.
1913 Cook, Thomas N., Watertown.	1919 Cutler, Clarence H., Lexington.
1917 Cooley, Arthur N., Pittsfield.	1922 Cutler, Mrs. N. P., Newton.
1914 Coolidge, Charles A., Boston.	1903 Cutler, Judge Samuel R., Revere.
1902 Coolidge, Harold J., Boston.	
1899 Coolidge, J. Randolph, Chestnut Hill.	
1919 Copeland, Miss E. Gertrude, Melrose.	
1914 Cotting, Mrs. Charles E., Boston.	

1897 Damon, Frederick W., Arlington.	1897 Dumaresq, Herbert, Chestnut Hill.
1908 Dane, Ernest B., Brookline.	1899 Duncan, James L., New York, N. Y.
1908 Dane, Mrs. Ernest B., Brookline.	1902 Duncan, John W., Spokane, Wash.
1919 Danforth, Joseph A., Danvers.	1896 Dunlap, James H., Nashua, N. H.
1899 Daniels, Dr. Edwin A., Boston.	1915 Dunn, Stephen Troyte, F.L.S., F.R.G.S., Twickenham, Eng.
1909 Danielson, Mrs. J. DeForest, Boston.	1915 Dupee, William Arthur, Milton.
1902 Davis, Mrs. Arthur E., Dover.	1909 Dupuy, Louis, Whitestone, L. I., N. Y.
1913 Davis, Baneroff Chandler, Weston.	1880 Dutcher, Frank J., Hopedale.
1889 Davis, Frederick S., West Roxbury.	1917 Dutcher, Miss Grace M., Hopedale.
1916 Davis, Miss Helen L., Wellesley.	1902 Dyer, Herbert H., Arlington.
1914 Davis, Livingston, Milton.	1912 Eaton, Harris D., Southborough.
1909 Dawson, Henry Sargent, Holliston.	1918 Eccleston, Douglas, Beverly Farms.
1905 Day, Henry B., West Newton.	1911 Edgar, Mrs. Rose H., Waverley.
1917 Day, Mrs. Mary E., Newton.	1912 Edgar, William Percival, Boston.
1921 De Nave, Paul, Beverly Farms.	1895 Eldredge, H. Fisher, Boston.
1873 Denny, Clarence H., Boston.	1921 Ellery, William, Brookline.
1917 Dexter, George T., Boston.	1921 Ellery, Mrs. William, Brookline.
1904 Dexter, Gordon, Beverly Farms.	1887 Elliott, Mrs. John W., Boston.
1904 Dexter, Philip, Boston.	1888 Elliott, William H., Brighton.
1921 Dodd, Dexter T., Hudson.	1907 Emerson, Nathaniel W., M.D., Boston.
1922 Dodge, Mrs. Edwin Sherrill, Westwood.	1922 Emery, Miss Georgia H., Newton.
1896 Donald, William, Cold Spring Harbor, N. Y.	1917 Emmons, Mrs. R. M., 2nd, Boston.
1900 Donaldson, James, Roxbury.	1894 Endicott, William, Boston.
1897 Dorr, George B., Bar Harbor, Me.	1899 Endicott, William C., Danvers.
1907 Doten, Scott T., Acton.	1919 Endicott, Mrs. William C., Danvers.
1917 Doty, George H., Boston.	1919 Engstrom, Richard, Lexington.
1914 Douglass, Alfred, Brookline.	1915 Ernst, Mrs. Harold C., Jamaica Plain.
1917 Downs, Jere Arthur, Winchester.	1905 Estabrook, Mrs. Arthur F., Boston.
1910 Downs, William, Chestnut Hill.	
1917 Dowse, Charles F., Boston.	
1893 Dowse, William B. H., West Newton.	
1917 Draper, B. H. Bristow, Hopedale.	
1920 Draper, Eben S., Hopedale.	
1899 Draper, George A., Hopedale.	

1907 Eustis, Miss Elizabeth M., Brookline.	1917 Fosdick, Lucian J., Boston.
1907 Eustis, Miss Mary St. Barbe, Brookline.	1914 Foster, Alfred D., Milton.
1915 Fairbanks, Charles F., Milton.	1899 Foster, Charles H. W., Need- ham.
1881 Fairchild, Charles, New York, N. Y.	1917 Foster, Miss Fanny, Newport, R. I.
1877 Falconer, William, Pittsburg, Pa.	1885 Fottler, John, Jr., Dorchester.
1884 Farlow, Lewis H., Boston.	1914 Fraser, Charles E. K., South Natick.
1896 Farnsworth, Mrs. William, Ded- ham.	1910 French, Mrs. Albert M., Read- ing.
1915 Farquhar, Mrs. John K. M. L., Roxbury.	1892 French, S. Waldo, Newtonville.
1884 Farquhar, Robert, North Cam- bridge.	1893 French, W. Clifford, Brookline.
1917 Farr, Mrs. Betty K., Stoneham.	1917 Frishmuth, Miss Anna Biddle, Boston.
1908 Fay, Wilton B., West Medford.	1903 Frost, Harold L., Arlington.
1914 Fearing, George R., Jr., Boston.	1900 Frost, Irving B., Belmont.
1917 Fenno, Mrs. Pauline Shaw, Rowley.	1922 Frost, Paul, Cambridge.
1917 Fessenden, Sewell H., Boston.	1899 Frothingham, Mrs. Louis A., North Easton.
1883 Fewkes, Arthur H., Newton Highlands.	1917 Gage, Mrs. Homer, Worcester.
1904 Finlayson, Duncan, Jamaica Plain.	1920 Gale, Herbert E., Swampscott.
1892 Finlayson, Kenneth, Jamaica Plain.	1910 Galloupe, Frederic R., Lexing- ton.
1901 Fisher, Peter, Ellis.	1914 Gannett, Samuel, Milton.
1901 Fiske, Harry E., Wollaston.	1914 Gardiner, Robert H., Gardiner, Maine.
1894 Fitzgerald, Desmond, Brook- line.	1901 Gardner, Mrs. Augustus P., Hamilton.
1910 Flanagan, Joseph F., Newton.	1895 Gardner, George P., Boston.
1882 Fletcher, George V., Belmont.	1899 Gardner, John L., Boston.
1883 Fletcher, J. Henry, Belmont.	1899 Gardner, Mrs. John L., Boston.
1917 Foot, Nathan Chandler, M.D., Milton.	1899 Gardner, William Amory, Grot- ton.
1914 Forbes, Alexander, M.D., Mil- ton.	1910 Garland, Mrs. Marie T., Buz- zards Bay.
1909 Forbes, Charles Stewart, Boston.	1904 Garratt, Allan V., Holliston.
1909 Forbes, Mrs. J. Malcolm, Mil- ton.	1899 Gaston, William A., Boston.
1914 Forbes, W. Cameron, West- wood.	1911 Gavin, Frank D., Manchester.
1909 Forbes, Mrs. William H., Mil- ton.	1910 Geiger, Albert, Jr., Brookline.
	1911 Gill, Miss Adeline Bradbury, Boston.
	1911 Gill, Miss Eliza M., Boston.
	1887 Gill, George B., Boston.
	1919 Gilmore, George L., Lexington.

1907 Goddard, Samuel J., Framingham.	1914 Haywood, H. T., Franklin.
1922 Godfrey, Mrs. Hollis, Duxbury.	1905 Head, Thomas W., Red Bank, N. J.
1921 Goodale, Geoffrey D., Boston.	1913 Heeremans, F., Lenox.
1904 Goodale, Dr. Joseph L., Boston.	1903 Hellier, Charles E., Boston.
1917 Gordon, Donald, Lincoln.	1888 Hemenway, Augustus, Boston.
1899 Gray, Mrs. John C., Boston.	1899 Hemenway, Mrs. Augustus, Boston.
1914 Greene, Edwin Farnham, Boston.	1914 Hemenway, Augustus, Jr., Boston.
1905 Greenough, Mrs. Charles P., Brookline.	1884 Henshaw, Joseph P. B., Boston.
1912 Greenough, Mrs. David S., Jamaica Plain.	1899 Henshaw, Samuel, Cambridge.
1914 Grew, Edward W., Boston.	1901 Heurlin, Julius, South Braintree.
1919 Griffin, Arthur E., Marion.	1891 Heustis, Warren H., Belmont.
1897 Hale, James O., Byfield.	1894 Hewett, Miss Mary Crane, Cambridge.
1873 Hall, Edwin A., Cambridgeport.	1900 Higginson, Francis L., Boston.
1912 Hall, Mrs. George G., Boston.	1902 Higginson, Mrs. Henry L., Boston.
1899 Hall, Jackson E., Cambridge.	1886 Hittinger, Jacob, Belmont.
1897 Hall, Osborn B., Malden.	1895 Hoitt, Hon. Charles W., Scituate.
1910 Halloran, Edward J., Newton Highlands.	1918 Holbrook, Miss Grace Ware, Boston.
1917 Hammond, Mrs. E. C., Auburndale.	1914 Hollingsworth, Valentine, Boston.
1914 Harding, Charles L., Dedham.	1899 Hollingsworth, Z. T., Boston.
1918 Harding, Mrs. Edward, Plainfield, N. J.	1891 Holmes, Edward J., Boston.
1889 Hargraves, William J., Jamaica Plain.	1900 Holt, William W., Norway, Maine.
1887 Harris, Thaddeus William, A. M., Littleton, N. H.	1899 Hood, Lady Ellen, Sheen, Surrey, Eng.
1910 Harris, Prof. William Fenwick, Cambridge.	1922 Hopkinton, Mrs. Charles, Manchester.
1909 Hart, Francis R., Milton.	1914 Hornblower, Henry, Boston.
1914 Hartt, Arthur W., Brookline.	1922 Horsford, Miss Cornelia C. F., Cambridge.
1895 Harwood, George Fred, Newton.	1888 Horsford, Miss Kate, Cambridge.
1884 Hastings, Levi W., Brookline.	1902 Hosmer, Oscar, Baldwinsville.
1894 Hatfield, T. D., Wellesley.	1907 Houghton, Clement S., Chestnut Hill.
1914 Havemeyer, Theodore A., New York, N. Y.	1910 Houghton, Miss Elizabeth G., Boston.
1891 Hawken, Mrs. Thomas, Rockland, Me.	1872 Hovey, Charles H., South Pasadena, Cal.
1899 Hayward, George P., Chestnut Hill.	

1884 Hovey, Stillman S., Woburn.
 1917 Howard, Everett C., Belcher-
 town.
 1904 Howard, Henry M., West New-
 ton.
 1896 Howard, Joseph W., Somerville.
 1915 Howes, Mrs. Ernest, Boston.
 1917 Howes, Osborne, Chestnut Hill.
 1896 Hubbard, Charles Wells, Weston.
 1917 Hubbard, Eliot, Boston.
 1893 Hubbard, F. Tracy, Brookline.
 1913 Huebner, H., Groton.
 1917 Hunnewell, Mrs. Arthur,
 Wellesley.
 1912 Hunnewell, F. W., Wellesley.
 1893 Hunnewell, Henry Sargent,
 Wellesley.
 1912 Hunnewell, Mrs. Henry S.,
 Wellesley.
 1922 Hunnewell, Miss Louisa, Boston.
 1912 Hunnewell, Walter, Wellesley.
 1917 Hunt, Miss Belle, Boston.
 1919 Hunt, William, Lexington.
 1880 Hunt, William H., Concord.
 1919 I'Anson, George, Beverly Farms.
 1893 Jack, John George, East Wal-
 pole.
 1886 Jackson, Charles L., Boston.
 1914 Jackson, Mrs. James, Jr., West-
 wood.
 1884 Jackson, Robert T., Peter-
 borough, N. H.
 1916 Jahn, Paul H., East Bridge-
 water.
 1916 Jahn, William O., East Bridge-
 water.
 1902 James, Ellerton, Milton.
 1902 James, Mrs. Ellerton, Milton.
 1913 Jeffries, John, 5th, Philadel-
 phia, Pa.
 1899 Jeffries, William A., Boston.
 1865 Jenks, Charles W., Bedford.
 1905 Johnson, Arthur S., Boston.
 1921 Johnson, C. B., Woburn.
 1914 Johnson, Edward C., Boston.
 1885 Johnson, J. Frank, Malden.
 1907 Jones, Mrs. Clarence W.,
 Brookline.
 1897 Jones, Dr. Mary E., Boston.
 1922 Judd, William H., Jamaica Plain.
 1920 Keith, Simeon C., Brookline.
 1897 Kellen, William V., Marion.
 1891 Kendall, Dr. Walter G., At-
 lantic.
 1909 Kennedy, Harris, M.D., Milton.
 1905 Keyes, Mrs. Emma Mayer,
 Boston.
 1891 Keyes, John M., Concord.
 1889 Kidder, Charles A., South-
 borough.
 1910 Kidder, Mrs. Henry P., Boston.
 1880 Kidder, Nathaniel T., Milton.
 1899 Kimball, David P., Boston.
 1903 Kimball, Richard D., Waban.
 1899 Kinney, H. R., Worcester.
 1906 Kinnicutt, Mrs. Leonard P.,
 Worcester.
 1904 Kirkland, Archie Howard,
 Reading.
 1899 Lamb, Horatio A., Milton.
 1889 Lancaster, Mrs. E. M., Roxbury.
 1913 Lancaster, Dr. Walter B.,
 Newton Center.
 1899 Lanier, Charles, Lenox.
 1917 Lapham, Henry G., Brookline.
 1920 Lauriat, Charles E., Jr., West
 Newton.
 1895 Lawrence, Amos A., New York,
 N. Y.
 1873 Lawrence, John, Groton.
 1899 Lawrence, Rt. Rev. William,
 Boston.
 1895 Lee, Daniel D., Jamaica Plain.
 1914 Lee, George C., Westwood.
 1880 Leeson, Hon. Joseph R., New-
 ton Center.
 1920 Leigh, Mrs. George Taylor,
 North Cohasset.

1902 Leighton, George B., Monadnock, N. H.	1892 Mallett, E. B., Jr., Freeport, Me.
1914 Leland, Lester, Boston.	1920 Manda, Joseph, West Orange, N. J.
1914 Leland, Mrs. Lester, Boston.	1884 Manda, W. A., South Orange, N. J.
1903 Libby, Charles W., Medford.	1890 Manning, A. Chandler, Wilmington.
1917 Liggett, Louis K., Chestnut Hill.	1887 Manning, J. Woodward, Reading.
1899 Locke, Isaac H., Belmont.	1884 Manning, Warren H., North Billerica.
1891 Lodge, Richard W., Redlands, Cal.	1909 Marlborough, James, Topsfield.
1897 Loomis, Elihu G., Bedford.	1876 Marshall, Frederick F., Everett.
1899 Loring, Augustus P., Prides Crossing.	1898 Marston, Howard, Brookline.
1919 Loring, Augustus P., Jr., Prides Crossing.	1917 Martin, Edwin S., Chestnut Hill.
1919 Loring, Mrs. A. P., Prides Crossing.	1899 Mason, Miss Ellen F., Boston.
1905 Loring, David, Boston.	1919 Mason, Miss Fanny P., Boston.
1914 Loring, Miss Katharine P., Prides Crossing.	1896 Mason, Col. Frederick, Taunton.
1914 Loring, Miss Louisa P., Prides Crossing.	1914 Mathews, Miss Elizabeth Ashby, Newton Center.
1896 Loring, William Caleb, Prides Crossing.	1901 Matthews, Nathan, Boston.
1899 Loring, Mrs. William Caleb, Prides Crossing.	1906 Maxwell, George H., Newton.
1921 Loveless, Alfred J., Lenox.	1917 Mead, Francis V., West Somerville.
1899 Lowell, Abbott Lawrence, Cambridge.	1917 Meader, H. E., Dover, N. H.
1902 Lowell, Miss Amy, Brookline.	1902 Melvin, George, South Framingham.
1903 Lowell, James A., Chestnut Hill.	1905 Meredith, J. Morris, Topsfield.
1903 Lowell, John, Chestnut Hill.	1919 Merriam, Edward P., Lexington.
1904 Lowell, Miss Lucy, Boston.	1881 Merriam, Herbert, Weston.
1899 Luke, Otis H., Brookline.	1917 Methven, James, Readville.
1895 Lunt, William W., Hingham.	1884 Metivier, James, Waltham.
1918 Lyman, Arthur, Boston.	1914 Miller, Peter M., Mattapan.
1914 Lyman, C. Frederic, Boston.	1888 Milmore, Mrs. Joseph, Washington, D. C.
1895 Lyman, George H., Wareham.	1917 Mink, Oliver W., Boston.
1898 Mabbett, George, Plymouth.	1915 Minot, Mrs. Charles S., Readville.
1919 McGregor, Frank J., Newburyport.	1892 Monteith, David, Hyde Park, Vt.
1912 McKay, Alexander, Jamaica Plain.	1896 Montgomery, Alexander, Natick.
1911 McKenzie, Donald, Chestnut Hill.	1902 Montgomery, Alexander, Jr., Hadley.
	1896 Moore, George D., Arlington.
	1881 Moore, John H., Concord.

1897 Morgan, George H., New York, N. Y.	1920 Norton, Harry A., Ayer's Cliff, Quebec, Canada.
1914 Morgan, Mrs. J. P., Jr., New York, N. Y.	1921 O'Brien, John J., Boston.
1913 Morison, Robert S., Cam- bridge.	1912 O'Conner, John, Brookline.
1899 Morse, John T., Boston.	1898 Olmsted, Frederick Law, Brook- line.
1909 Morse, John Torrey, 3d., Bos- ton.	1898 Orpet, Edward O., Santa Bar- bara, Cal.
1910 Morse, Lewis Kennedy, Box- ford.	1919 Osgood, Miss Alice J., Wellesley Hills.
1913 Morse, Robert C., Milton.	1921 Osgood, Dana, Hopedale.
1914 Morss, Charles A., Chestnut Hill.	1917 Osgood, Miss Fanny C., Hope- dale.
1914 Morss, Mrs. Charles A., Chest- nut Hill.	1909 Page, George, Prides Crossing.
1902 Morton, James H., Huntington, N. Y.	1909 Page, George William, South Lincoln.
1896 Moseley, Charles H., Roxbury.	1900 Page, Mrs. Henrietta, Boston.
1896 Moseley, Frederick Strong, Newburyport.	1884 Paige, Clifton H., Mattapan.
1921 Motley, Mrs. Thomas, Jr., Boston.	1914 Paine, Robert Treat, 2d, Boston.
1914 Munroe, Howard M., Lexington.	1908 Parker, Augustine H., Dover.
1900 Murray, Peter, Fairhaven.	1913 Parker, Edgar, North Easton.
1897 Mutch, John, Waban.	1911 Parker, Edward, North Easton.
1921 Nason, Thomas W., Boston.	1915 Parker, Miss Eleanor S., Bedford.
1917 Neal, James A., Brookline.	1921 Parker, Mrs. Harriet Talbot, Lowell.
1899 Nevins, Mrs. David, Methuen.	1917 Parkhurst, Lewis, Winchester.
1914 Newbold, Frederic R., New York, N. Y.	1891 Parkman, Henry, Boston.
1874 Newman, John R., Winchester.	1914 Patten, Miss Jane B., South Natick.
1874 Newton, Rev. William W., Pittsfield.	1909 Peabody, Francis, Milton.
1919 Nichols, Mrs. W. L., Brookline.	1909 Peabody, Mrs. Francis, Milton.
1895 Nicholson, William, Framing- ham.	1899 Peabody, George A., Danvers.
1914 Nicholson, William R., Fram- ingham.	1907 Peirce, E. Allan, Waltham.
1906 Nickerson, William E., Cam- bridge.	1916 Peirce, Edward R., Wellesley Farms.
1914 Norman, Mrs. Louisa P., New- port, R. I.	1915 Penn, Henry, Brookline.
1881 Norton, Charles W., Allston.	1899 Pentecost, Mrs. Ernest Harvey, Topsfield.
1921 Norton, Miss Christine A., Medfield.	1917 Peterson, George H., Fair Lawn, N. J.
	1899 Pfaff, Col. Charles, South Framingham.
	1900 Phillips, John C., North Beverly.
	1899 Phillips, Mrs. John C., North Beverly.

1899 Phillips, William, North Beverly.	1887 Rich, William P., Chelsea.
1895 Pickman, Dudley L., Boston.	1876 Richards, John J., Brookline.
1902 Pickman, Mrs. Dudley L., Boston.	1899 Richardson, Mrs. F. L. W., Charles River Village.
1881 Pierce, Dean, Brookline.	1912 Richardson, H. H., Brookline.
1905 Pierson, Frank R., Tarrytown, N. Y.	1918 Richardson, William K., Nahant.
1914 Pingree, David, Salem.	1900 Richardson, Dr. William L., Boston.
1919 Pocock, Frederick, Beverly Farms.	1905 Riggs, William Allan, Auburndale.
1900 Pond, Preston, Winchester.	1917 Riley, Charles E., Newton.
1892 Porter, James C., Wollaston.	1886 Ripley, Charles, Dorchester.
1884 Pratt, Laban, Dorchester.	1903 Robb, Russell, Concord.
1914 Pratt, Waldo E., Wellesley Hills.	1909 Roberts, Miss Anna B., Boston.
1898 Pray, James Sturgis, Cambridge.	1909 Robinson, Alfred E., Lexington.
1914 Preston, Andrew W., Swampscott.	1871 Robinson, John, Salem.
1903 Preston, Howard Willis, Providence, R. I.	1893 Robinson, Walter A., Arlington.
1911 Priest, Lyman F., Gleasondale.	1911 Rogers, Dexter M., Allston.
1901 Proctor, Thomas E., Boston.	1914 Rogers, Dudley P., Danvers.
1883 Purdie, George A., Wellesley Hills.	1921 Rogers, Miss Madelaine G., Brookline.
1899 Putnam, George, Manchester.	1900 Roland, Thomas, Nahant.
1900 Putnam, George J., Brookline.	1910 Ross, Harold S., Hingham.
1886 Quinby, Hosea M., M.D., Worcester.	1892 Ross, Henry Wilson, Newtonville.
1889 Rand, Harry S., North Cambridge.	1895 Rothwell, James E., Brookline.
1908 Rand, Miss Margaret A., Cambridge.	1899 Roy, David Frank, Marion.
1903 Rawson, Herbert W., Arlington.	1875 Russell, George, Woburn.
1882 Ray, James F., Franklin.	1900 Russell, James S., Milton.
1890 Raymond, Walter, Pasadena, Cal.	1921 Russell, John L., Dedham.
1891 Read, Charles A., Manchester.	1914 Russell, Mrs. Robert S., Boston.
1902 Reardon, Edmund, Cambridge.	1919 Ryder, Charles W., Newtonville.
1892 Reardon, John B., Boston.	1893 Salisbury, William C. G., Brookline.
1905 Remick, Frank W., West Newton.	1915 Saltonstall, Mrs. Caroline S., Milton.
1889 Rice, George C., Worcester.	1912 Saltonstall, John L., Boston.
1893 Rich, Miss Ruth G., Newton.	1912 Saltonstall, Mrs. John L., Boston.
1888 Rich, William E. C., Ocean Park, Me.	1898 Sanger, Mrs. George P., Boston.

1922 Sargent, Miss Alice, Brookline.	1897 Sprague, Isaac, Wellesley Hills.
1870 Sargent, Charles S., Brookline.	1884 Stearns, Charles H., Brookline.
1902 Sargent, Charles Sprague, Jr., Cedarhurst, N. Y.	1893 Stearns, Frank W., Newton.
1899 Sargent, Mrs. Francis W., Wel- lesley.	1896 Stedman, Henry R., M. D., Brookline.
1875 Saunders, Miss Mary T., Salem.	1914 Stevens, Mrs. Nathaniel, North Andover.
1921 Schling, Max, New York, N. Y.	1919 Stewart, George F., Waltham.
1895 Sears, Miss Clara E., Boston.	1918 Stimpson, Harry F., Chestnut Hill.
1899 Sears, Dr. Henry F., Boston.	1901 Stone, Charles A., Newton.
1914 Sears, Horace S., Weston.	1889 Stone, Charles W., Boston.
1899 Sears, Mrs. J. Montgomery, Boston.	1910 Stone, Mrs. Francis H., South Dartmouth.
1898 Sharp, Miss Helen, Boston.	1914 Stone, Galen L., Brookline.
1886 Sharples, Stephen P., Cam- bridge.	1896 Stone, Prof. George E., Am- herst.
1914 Shattuck, Dr. Frederick C., Boston.	1914 Stone, J. Winthrop, Watertown.
1914 Shattuck, Mrs. Frederick C., Boston.	1914 Stone, Nathaniel H., Milton.
1899 Shaw, Francis, Brookline.	1917 Storey, Moorfield, Boston.
1914 Shaw, Henry S., Milton.	1905 Storrow, James J., Boston.
1899 Shaw, Mrs. Robert G., Welles- ley.	1918 Stranger, David C., West New- bury.
1901 Shea, James B., Jamaica Plain.	1905 Stratton, Charles E., Boston.
1920 Shurtleff, Arthur A., Boston.	1906 Strout, Charles S., Biddeford, Me.
1901 Shurtleff, Josiah B., Revere.	1914 Sturgis, Miss Evelyn R., Man- chester.
1893 Siebrecht, H. A., New Rochelle, N. Y.	1902 Sturgis, Richard Clipston, Bos- ton.
1917 Silber, Miss Charlotte G., Needham.	1916 Sturtevant, Miss Grace, Wel- lesley Farms.
1917 Silsbee, Miss Katharine E., Boston.	1921 Sturtevant, Robert Swan, Wel- lesley Farms.
1899 Sleeper, Henry Davis, Boston.	1910 Sullivan, Martin, Jamaica Plain.
1903 Smiley, Daniel, Lake Mohonk, N. Y.	1912 Swan, Charles H., Jamaica Plain.
1888 Smith, Charles S., Lincoln.	1891 Sweet, Everell F., Malden.
1919 Smith, Earnest E., Boston.	1916 Swett, Raymond W., Newton.
1911 Smith, John L., Swampscott.	1904 Sylvester, Edmund Q., Han- over.
1874 Snow, Eugene A., Allston.	
1899 Sohier, Col. William D., Beverly.	
1918 Spalding, Miss Dora N., Boston.	
1908 Spaulding, John T., Prides Crossing.	1900 Taylor, Mrs. Thomas, Jr., Columbia, S. C.
1908 Spaulding, William S., Prides Crossing.	1913 Tedcastle, Mrs. Arthur W., Hyde Park.

1917 Thacher, Miss Elizabeth B., Roxbury.	1873 Vander-Woerd, Charles, Roxbury.
1921 Thairwall, William C., Boston.	1881 Vaughan, J. C., Chicago, Ill.
1912 Thatcher, Arthur E., Bar Harbor, Me.	1899 Vaughan, William Warren, Boston.
1898 Thatcher, William, Brookline.	1884 Vinal, Miss Mary L., Somerville.
1900 Thayer, Mrs. Bayard, South Lancaster.	1916 Wagstaff, Archibald, Wellesley Hills.
1903 Thayer, Henry J., Boston.	1876 Walcott, Henry P., M. D., Cambridge.
1899 Thayer, John E., South Lancaster.	1895 Waldo, C. Sidney, Jamaica Plain.
1899 Thayer, Mrs. John E., South Lancaster.	1901 Waltham, George C., Worcester.
1899 Thayer, Mrs. Nathaniel, South Lancaster.	1907 Walton, Arthur G., Wakefield.
1899 Thiemann, Hermann, Owosso, Mich.	1902 Warburton, Chatterton, Fall River.
1899 Thomas, W. B., Manchester.	1912 Wardwell, Mrs. T. Otis, Haverhill.
1921 Thompson, Eben F., Worcester.	1894 Ware, Miss Mary L., Boston.
1910 Thurlow, George C., West Newbury.	1909 Warren, Bentley W., Boston.
1913 Thurlow, Winthrop H., West Newbury.	1884 Watson, Thomas A., East Braintree.
1874 Tolman, Miss Harriet S., Boston.	1914 Watters, W. F., Boston.
1896 Toppan, Roland W., Newburyport.	1905 Webster, Edwin S., Chestnut Hill.
1899 Tower, Miss Ellen May, Lexington.	1914 Webster, Mrs. Edwin S., Chestnut Hill.
1901 Tower, Mrs. Helen M., Cambridge.	1905 Webster, Frank G., Boston.
1914 Towle, L. D., Newton.	1907 Webster, George H., Haverhill.
1893 Trepess, Samuel J., Glencove, L. I., N. Y.	1896 Webster, Hollis, Cambridge.
1917 Tufts, Bowen, Medford.	1905 Webster, Laurence J., Chestnut Hill.
1910 Turner, Chester Bidwell, Stoughton.	1909 Weeks, Andrew Gray, Marion.
1914 Tyler, Charles H., Boston.	1902 Welch, Edward J., Dorchester.
1919 Tyndall, David, Brockton.	1914 Weld, Mrs. Charles G., Brookline.
1901 Underwood, Loring, Belmont.	1917 Weld, Rudolph, Boston.
1921 Van Baarda, P. J., North Cambridge.	1914 Weld, Mrs. Stephen M., Wareham.
1919 Vander Voet, Christian, Jamaica Plain.	1912 Wellington, Mrs. Arthur W., Boston.
	1917 Wellington, William H., Boston.
	1882 West, Mrs. Maria L., Neponset.

1919 Wheeler, Everett P., Rockland.	1914 Wilson, Fred A., Nahant.
1889 Wheeler, James, Natick.	1919 Wilson, James A., Lexington.
1897 Wheeler, Wilfrid, Concord.	1881 Wilson, William Power, Boston.
1919 Whitcomb, Myron L., Haverhill.	1921 Winkler, Edward, Wakefield.
1901 White, Mrs. Charles T., Boston.	1917 Winslow, Arthur, Boston.
1909 White, Harry K., Milton.	1905 Winsor, Robert, Weston.
1917 Whitehouse, Mrs. Francis M., Manchester.	1920 Winter, Miss Hattie B., Mansfield.
1905 Whitman, William, Brookline.	1906 Winter, Herman L., Portland, Me.
1894 Whitney, Arthur E., Winchester.	1914 Winthrop, Grenville L., Lenox.
1894 Whitney, Ellerton P., Milton.	1914 Winthrop, Mrs. Robert, New York, N. Y.
1899 Whitney, Henry M., Brookline.	1914 Winthrop, Mrs. Robert C., Jr., Boston.
1917 Whittemore, Charles, Cambridge.	1920 Wister, John C., Philadelphia, Pa.
1915 Wigglesworth, Frank, Milton.	1921 Wollrath, Henry J., Waltham.
1899 Wigglesworth, George, Milton.	1905 Woodberry, Miss E. Gertrude, Winter Hill.
1889 Wilde, Mrs. Albion D., Canton.	1905 Woodbury, John, Canton.
1881 Wilder, Edward Baker, Dorchester.	1906 Woodward, Mrs. Samuel Bayard, Worcester.
1897 Wilkie, Edward A., Newtonville.	1929 Worthley, L. H., Cambridge.
1899 Williams, Miss Adelia Coffin, Roxbury.	1917 Wright, George S., Watertown.
1905 Williams, George Percy, Boston.	1921 Wyman, Richard M., Framingham.
1899 Williams, John Davis, Boston.	1919 Wyman, Walton G., North Abington.
1905 Williams, Mrs. J. Bertram, Cambridge.	1900 Wyman, Windsor H., North Abington.
1905 Williams, Mrs. Moses, Brookline.	1921 Young, Mrs. Charlotte W., Auburndale.
1911 Williams, Ralph B., Dover.	
1915 Wilson, E. H., Jamaica Plain.	

ANNUAL MEMBERS.

1921 Abbott, Mrs. Gordon, Boston.	1912 Babcock, Miss Mabel Keyes, Wellesley Hills.
1913 Adams, Charles F., Jamaica Plain.	1911 Bacon, Augustus, Roxbury.
1919 Alexander, J. K., East Bridgewater.	1915 Baker, Mrs. G. B., Chestnut Hill.
1921 Arnott, Peter, Chestnut Hill.	1918 Barnes, Rowland H., Newton Highlands.

1898 Barr, John, South Natick.
 1916 Barron, Leonard, Garden City,
 N. Y.
 1917 Beal, Thomas P., Jr., Boston.
 1917 Bögholt, Christian M., New-
 port, R. I.
 1921 Boyle, Charles F., Boston.
 1901 Bradley, Miss Abby A., Hing-
 ham.
 1913 Bradley, Miss Julia H., Rox-
 bury.
 1921 Breed, George A., Stockbridge.
 1922 Brewer, Robert D., Hingham.
 1909 Brigham, Mrs. Clifford, Milton.
 1916 Brown, Mrs. G. Winthrop,
 Chestnut Hill.
 1921 Burke, Patrick W., Brookline.
 1922 Burnhome, Mrs. M. S., Boston.

 1921 Caddick, Edgar, Wellesley Hills.
 1914 Campbell, Ernest W., Wollaston.
 1910 Camus, Emil, Boston.
 1917 Carlquist, Sigurd W., Lenox.
 1904 Chandler, Alfred D., Brookline.
 1920 Cheney, Mrs. Frederick E.,
 Concord.
 1917 Child, H. Walter, Boston.
 1919 Clark, William Edwin, Sharon.
 1918 Clarke, Hermann F., Brookline.
 1918 Cogger, Thomas, Melrose.
 1921 Cole, Harry, Readville.
 1914 Colt, James D., Chestnut Hill.
 1907 Colt, Mrs. James D., Chestnut
 Hill.
 1919 Conant, Miss Margaret W.,
 West Medford.
 1917 Conant, Mrs. William C., Bos-
 ton.
 1917 Coolidge, Mrs. W. H., Boston.
 1915 Copson, William A., Roslindale.
 1914 Crocker, Mrs. George Glover,
 Boston.
 1914 Crocker, Joseph Ballard, Chat-
 ham.
 1914 Crompton, Miss Mary A.,
 Worcester.

1917 Curtis, Allen, Boston.
 1914 Cushing, Mrs. Harvey, Brook-
 line.
 1912 Cutler, Mrs. N. P., Newton.

 1910 Dahl, Frederick William, Rox-
 bury.
 1917 Dalton, Philip S., Milton.
 1921 Darling, Edgar W., New Bed-
 ford.
 1921 Dickinson, Edward F., Billerica.
 1911 Dolansky, Frank J., Lynn.
 1921 Donahue, Thomas F., Newton
 Lower Falls.
 1918 Donald, James, Hingham.
 1921 Drew, Fred, M. D., Boston.
 1921 Duly, Richard J., Newton.

 1919 Emery, Frederick L., Lexington.
 1916 Estabrooks, Dr. John W., Wol-
 laston.

 1902 Farlow, Mrs. William G., Cam-
 bridge.
 1919 Farrington, Edward I., Wey-
 mouth Heights.
 1921 Fish, A. J., New Bedford.
 1922 Fish, George L., South Billerica.
 1917 Fiske, David L., Grafton.
 1922 Fletcher, Miss Effie J., Boston.
 1917 Flood, Mrs. Mary, Woburn.
 1903 Freeman, Miss Harriet E.,
 Boston.
 1919 French, C. H., West Roxbury.

 1912 Gage, L. Merton, Groton.
 1919 Golby, Walter H., Jamaica
 Plain.
 1912 Goodwin, Mrs. Daniel, East
 Greenwich, R. I.
 1917 Gordon, George, Beverly.
 1921 Gorney, Elijah S., Boston.
 1917 Graton, Louis, Whitman.
 1900 Grey, Robert Melrose, Bel-
 mont, Cuba.
 1897 Grey, Thomas J., Chelsea.

1919 Hall, Joseph B., Cambridge.	1914 Leary, Dr. Timothy, Jamaica Plain.
1908 Hamilton, Mrs. George Langford, Magnolia.	1904 Leuthy, A., Roslindale.
1912 Hardy, John H., Jr., Littleton.	1902 Lewis, E. L., Taunton.
1917 Hathaway, Walter D., New Bedford.	1901 Loring, Mrs. Thacher, Boston.
1918 Hayes, Herbert W., Waban.	1903 Lumsden, David, Ithaca, N. Y.
1910 Hayward, Mrs. W. E., Ipswich.	1912 McCarthy, Nicholas F., South Boston.
1916 Hibbard, Miss Ann, West Roxbury.	1904 MacMulkin, Edward, Boston.
1914 Higginson, Mrs. Alexander H., Manchester.	1919 Millett, Charles H., Malden.
1920 Higginson, Mrs. Frederie, Brookline.	1917 Mixter, Dr. Samuel J., Boston.
1902 Hildreth, Miss Ella F., Westford.	1914 Morse, Frank E., Auburndale.
1902 Hill, Arthur Dehon, Boston.	1920 Naber, Henry L. F., West Roxbury.
1921 Hill, John Edward, Providence, R. I.	1916 Nehrling, Prof. Arno H., Ithaca, N. Y.
1912 Hollingsworth, Mrs. Sumner, Boston.	1903 Nixon, J. Arthur, Taunton.
1913 Holmes, Eber, Halifax.	1915 Parker, A. S., Stoneham.
1913 Houghton, Mrs. Clement S., Chestnut Hill.	1914 Parker, Miss Charlotte E., Ipswich.
1917 Howard, W. D., Milford.	1909 Parker, W. Prentiss, Nantucket.
1900 Howden, Thomas, Hudson.	1921 Parks, Mrs. Frances R., Newton Center.
1917 Howe, Henry S., Brookline.	1908 Peabody, Mrs. W. Rodman, Hyde Park.
1902 Hubbard, Allen, Newton Centre.	1914 Pembroke, A. A., Beverly.
1921 Hughes, Thomas H., New Bedford.	1898 Pierce, Mrs. F. A., Brookline.
1921 Jenkins, Allen J., Shrewsbury.	1921 Pinault, Z. R., Fairhaven.
1913 Jenkins, Edwin, Lenox.	1921 Pope, Mrs. Henrietta Marquis, Boston.
1916 Jenks, Albert R., West Acton.	1902 Pritchard, John, Bedford Hills, N. Y.
1921 Johnson, John, Pittsfield.	1912 Proctor, Dr. Francis L., Wellesley.
1903 Johnston, Robert, Lexington.	1897 Rea, Frederie J., Norwood.
1898 Kelsey, Harlan P., Salem.	1912 Reed, H. B., Auburndale.
1898 Kennard, Frederie H., Newton Centre.	1914 Rees, Ralph W., Ithaca, N. Y.
1912 Kirkegaard, John, Bedford.	1900 Robb, Peter B., Whitinsville.
1921 Kunan, Ernst, Arlington.	1921 Rogers, Alfred E. T., Prides Crossing.
1914 Leach, C. Arthur, South Hamilton.	1921 Rogers, Andrew K., Readville.
	1915 Rosenthal, Wolf, Boston.
	1922 Russell, Mrs. Charles F., Boston.

1910 Rust, William C., Brookline.	1914 Thayer, John E., Jr., Lancaster.
1918 Rutherford, William D. F., Norfolk.	1919 Thommen, Gustave, Somerville.
1918 Ryder, Robert L., Lexington.	1919 Tillinghast, Joseph J., Hyde Park.
1907 Sanborn, Edward W., Boston.	1909 Tracy, B. Hammond, Wenham.
1897 Sander, Charles J., Brookline.	1913 Tuckerman, Bayard, Ipswich.
1920 Saunders, Maurice M., Boston.	1922 Turner, Miss Mabel, Malden.
1910 Sears, Prof. F. C., Amherst.	1922 Tyson, Mrs. Russell, Chicago, Ill.
1907 Seaver, Robert, Jamaica Plain.	
1886 Sharples, Stephen P., Cambridge.	
1922 Shaw, Mrs. Brackley, Chestnut Hill.	1911 Ufford, Charles A., Dorchester.
1921 Shaw, Mrs. Quincy A., Boston.	1915 Wadsworth, Ralph E., Northboro.
1907 Sim, William, Clifftondale.	1922 Ware, Mrs. Whitman, Boston.
1920 Simmons, Miss Annie E. E., Dorchester.	1922 Warner, Dr. Charles T., Boston.
1914 Smith, George N., Wellesley Hills.	1914 Waterer, Anthony, 3d, Philadelphia, Pa.
1922 Smith, Mrs. Henry P., Boston.	1914 Waterer, Hosea, Philadelphia, Pa.
1914 Spaulding, Mrs. Samuel S., Springfield Center, N. Y.	1889 Welch, Patrick, Dorchester.
1921 Spenceer, S. E., Woburn.	1915 Wetterlow, Eric H., Manchester.
1922 Steele, Fletcher, Boston.	1909 Wheeler, George F., Concord.
1914 Sprague, George H., Hamilton.	1919 Wheeler, Harry A., Lexington.
1917 Stephen, A. L., Waban.	1917 White, Mrs. Joseph H., Brookline.
1914 Stevenson, Robert H., Readville.	1922 Whitney, Byam, Boston.
1921 Stewart, Henry, Waltham.	1920 Whitney, Leon F., New York, N. Y.
1914 Sturgis, Miss Luey Codman, Boston.	1901 Wilder, Miss Graee S., Dorchester.
1904 Symmes, Samuel S., Winchester.	1913 Williams, Mrs. Emile F., Cambridge.
1921 Thayer, Clark Leonard, Amherst	1919 Williams, Henry M., Haverhill.
	1922 Willis, Mrs. C. W., Bedford.
	1921 Wolfrath, Albert J., Waltham.

Massachusetts Horticultural Society

ANNUAL REPORT

FOR THE YEAR 1922



BOSTON

NINETEEN HUNDRED AND TWENTY-THREE

MASSACHUSETTS HORTICULTURAL SOCIETY.

1922.

Beginning with the year 1920 a change is made in the publications of the Society. Since 1874 the "Transactions" have been issued in two parts every year, with the exception of the years 1895, 1896, and 1897, when a third part was added containing a list of accessions to the library. Part 1 contained reports of lectures delivered before the Society and Part 2, the annual reports of the various officers and committees.

The necessity of a more prompt issue of the horticultural papers is recognized and the publication of the "Bulletin" renders it unnecessary to continue the former methods. It is now proposed to use the "Bulletin" for the horticultural papers and to publish an annual report containing the reports of officers and committees.

FRED A. WILSON, *Chairman* } *Committee on Lectures*
CHARLES S. SARGENT } *and Publications.*

CONTENTS

Officers and Committees for 1922	5
The Inaugural Meeting	7
Report of the Board of Trustees	7
Report of the Committee on Exhibitions	11
Report of the Committee on Plants and Flowers	14
Report of the Committee on Fruits	20
Report of the Committee on Vegetables	21
Report of the Committee on Children's Gardens	23
Additional Notes by the Secretary	23
Report of the Treasurer	25
Officers and Committees for 1923	33
List of Members, revised to March 1, 1923	35

Massachusetts Horticultural Society.

OFFICERS AND STANDING COMMITTEES FOR 1922.

President.

ALBERT C. BURRAGE, OF BOSTON.

Vice-Presidents.

THOMAS ALLEN, OF BOSTON.
CHARLES S. SARGENT, OF BROOKLINE.

Treasurer.

JOHN S. AMES, OF NORTH EASTON.

Secretary.

WILLIAM P. RICH, OF CHELSEA.*

Trustees.

JOHN S. AMES, OF NORTH EASTON.
FRANCIS H. APPLETON, OF BOSTON.
MISS MARIAN R. CASE, OF WESTON.
MRS. S. V. R. CROSBY, OF BOSTON.
ERNEST B. DANE, OF BROOKLINE.
WILLIAM C. ENDICOTT, OF BOSTON.
NATHANIEL T. KIDDER, OF MILTON.
ARTHUR LYMAN, OF BOSTON.
JAMES METHVEN, OF READVILLE.
HENRY H. RICHARDSON, OF BOSTON.
THOMAS ROLAND, OF NAHANT.
MRS. BAYARD THAYER, OF SOUTH LANCASTER.
GEORGE C. THURLOW, OF WEST NEWBURY.
HENRY P. WALCOTT, OF CAMBRIDGE.
EDWIN S. WEBSTER, OF BOSTON.
ERNEST H. WILSON, OF JAMAICA PLAIN.
FRED A. WILSON, OF NAHANT.

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

Massachusetts Horticultural Society

ANNUAL REPORT FOR THE YEAR 1922.

INAUGURAL MEETING.

The Inaugural Meeting of the Massachusetts Horticultural Society for the year 1922 was held at Horticultural Hall, Boston, on January 19, at three o'clock, with President Burrage in the Chair.

In opening the meeting President Burrage stated that he had no formal address to make but called attention to some of the principal horticultural events of the past year mentioning particularly the adoption of the new amendments to the By-laws of the Society adopted at the recent Annual Meeting.

The President then called for the annual reports of the officers and chairmen of the various committees which were read, accepted, and referred for publication in the Annual Report of the Society.

THE BOARD OF TRUSTEES.

The Secretary presented a summary of the business transacted by the Board of Trustees at the five meetings held during the year 1922.

January 21. John S. Ames was appointed Treasurer of the Society for the current year and Messrs. Ernest H. Wilson, Arthur Lyman, and Mrs. S. V. R. Crosby were elected Trustees to fill vacancies existing in the Board.

The Treasurer reported the expenses of the Society during the past year were \$39,075.84, leaving a deficit of \$8,720.00.

Standing Committees for the year 1922 were appointed in accordance with the requirements of the By-laws.

The President brought up the subject of legislation for the protection of wild flowers, particularly the mayflower, stating that he

had presented a bill to the Legislature forbidding the sale and transportation of the flowers. It was voted that the bill as proposed by the President be approved and that the President and Messrs. Sargent, Allen, Saltonstall, and Roland be requested to appear in support of the same before the appropriate committee of the Legislature; also that a notice be sent to other horticultural societies and garden clubs advising them of the proposed bill and requesting their support of this legislation.

The following resolution was adopted: Resolved that the Trustees of the Massachusetts Horticultural Society favor close coöperation between that Society and the Garden Clubs of America in furtherance of the horticultural interests of this State; and the officers of the Society are authorized, under the direction of the Executive Committee, to take such action as will be helpful in carrying out this resolution.

On motion of Professor Sargent it was voted to offer the Society's Gold Medal to four of the Garden Clubs of this State, namely, the Lenox, Richmond, North Shore, and Chestnut Hill Clubs, to be awarded by them during the current year.

An appropriation of \$400.00 was voted for the library for the current year.

May 8. Several communications were read expressing enthusiastic appreciation of the Wild Flower and Wild Fern Exhibition now being held in the hall.

The committee on the award of the George Robert White Medal of Honor for the current year reported through its chairman, Professor Sargent, the following motion:

Voted.—That in recognition of his conspicuous service to Horticulture by the establishment in Beverly, Massachusetts, of the greatest collection of exotic orchids the New World has yet seen; by his skilful and energetic management of the affairs of the Society; and by his labors to increase the love, protection and cultivation of New England wild flowers and ferns through his remarkable exhibition in Boston of these plants in the spring of 1921 and 1922, the George Robert White Medal, given only to those men or women who in recent years have done the most for Horticulture, be awarded by the Trustees of the Massachusetts Horticultural Society to their President, Albert C. Burrage. The motion of Pro-

fessor Sargent was seconded by Mr. Endicott and unanimously voted and adopted.

It was voted to appoint William C. Endicott as a member of the Executive Committee and also of the Finance Committee to fill vacancies existing in those committees on account of the death of Mr. Saltonstall.

June 1. A communication from Mrs. Louisa Yeomans King was read acknowledging the receipt of the George Robert White Medal of Honor awarded her for eminent service in horticulture.

The President spoke of the need of increasing the membership of the Society and asked for suggestions as to the best methods of accomplishing it. He said that from the widespread interest manifested in the recent Wild Flower Exhibition this would seem to be a good time for extending the list of members. After some discussion of the matter it was voted, on motion of Professor Sargent, that a committee of three be appointed, of which the President should be a member, to plan for such addition to the membership of the Society. The President appointed as the other two members of this committee Messrs. Endicott and Sargent.

October 16. A communication from Mr. J. F. Bailey, Director of the Botanic Gardens of Adelaide, South Australia, was read expressing his keen appreciation of the honor of election to Corresponding Membership in the Society. Also one from Mrs. Banyer Clarkson of Tyringham, Massachusetts, conveying to the Society her sincere thanks for the Gold Medal awarded her through the Lenox Horticultural Society.

The Treasurer, Mr. Ames, presented a report on the financial condition of the Society showing a considerable deficit for the year, mostly on account of the extensive repairs made on the building. The subject of appropriations for the exhibitions of the ensuing year was referred with full power to the Executive Committee.

December 19. A communication was presented from John C. Wister of Philadelphia recommending that some action be taken by the Society to discourage the practice of naming seedlings of some of our popular flowers, many of which show little or no improvement in varieties already existing. It was voted that a committee of three be appointed by the Chair to consider the matter and report to the Trustees, and so far as possible coöperate

with the New York and Pennsylvania societies. The President appointed as this committee Messrs. Roland, Thurlow, and Cameron.

The offer of the Wm. B. H. Dowse Trophy for another year to be awarded for exhibits of vegetables was accepted with thanks. It was voted to invite the New England Gladiolus Society to hold its annual exhibition for the ensuing year in conjunction with the Gladiolus Exhibition of the Massachusetts Horticultural Society. The Standing Committees of the Society for the year 1923 were appointed.

In compliance with the By-laws of the Society it was voted that the following named annual members be transferred to the list of life members, having paid all dues for twenty-five years:

John Barr,	South Natick, Mass.
Thomas J. Grey,	Chelsea, "
Harlan P. Kelsey,	Salem, "
Frederic H. Kennard,	Newton, "
Mrs. F. A. Pierce,	Brookline, "
Frederic J. Rea,	Norwood, "
Charles J. Sander,	Brookline, "

Mr. Allen, Chairman of the Committee on Exhibitions, reported the completion of the Schedule of Prizes for 1923 showing an overrun of about \$1,000.00 of the appropriation voted by the Trustees. It was voted to accept and approve the report of Mr. Allen, and Miss Case offered to be responsible for any deficit that may result on account of the excess.

On motion of Professor Sargent it was voted to offer the Society's Gold Medals to be awarded through the Chestnut Hill Garden Society and the Lenox Garden Club and also to suggest to the President of the Garden Club of America the award of its medal at one of the exhibitions of the Massachusetts Horticultural Society.

An appropriation of \$420 was voted for the library for the year 1923.

EXHIBITIONS.

Thomas Allen, Chairman of the Committee on Exhibitions, presented the following report:

In accordance with the terms of the new By-laws of the Society a divorce has taken place; the former Committee on Prizes and Exhibitions has been separated and there are now two committees in place of one, one on Prizes and the other on Exhibitions.

Acting on the suggestion of the Chairman of this committee made last year that needless repetitions in the reports of the various committees be avoided the following report attempts no digressions.

The principal duties of the Committee on Exhibitions are, first, to formulate and publish a schedule of exhibitions for the year, and, second, to supervise, in a general way, the installation of the exhibitions. In the preparation of the schedules it is necessary for the Exhibition Committee to act in conjunction with the Committee on Prizes, and it is also found helpful to have the Chairmen of the Committees on Fruits and Vegetables attend the meetings when the schedules are being prepared.

As the first exhibition planned for 1922 was a Grand Exhibition of Spring Flowering Bulbs, it was necessary to issue a preliminary schedule as early as June, 1921, in order that the growers and exhibitors should have ample time to prepare. The regular schedule, a pamphlet covering 42 pages, was issued in March, 1922. This schedule covers the nine exhibitions authorized by the Trustees.

The first exhibition was of spring-flowering bulbs, from March 23 to 26, inclusive. Eighty-three classes were scheduled and fifty awards were made. No account of the attendance was kept. The price of admission was placed at 25 cents. The receipts were \$431.50 and the expense, aside from the prizes, was \$192.50.

The next regular exhibition was on June 3 and 4, including rhododendrons, azaleas, and irises. No charge for admission was made. The number of classes scheduled was 28, the number of awards was 22, the attendance, 3,243.

On June 17 came the peonies, a free exhibition. The number of classes scheduled was 13, the number of awards made, 12. The attendance was 4,015.

On June 24 and 25 was held the Rose, Strawberry, and Sweet

Pea Exhibition, in conjunction with the annual exhibition of the American Sweet Pea Society. The number of classes scheduled was 56, the number of awards made, 22. The attendance was 3,819. No charge was made for admission.

The Gladiolus Exhibition was held August 12 and 13 with the coöperation of the New England Gladiolus Society. The number of classes scheduled was 40, number of awards made, 36. The attendance was 5,966, with no charge for admission.

On August 26 and 27 came the Exhibition of the Products of Children's Gardens; 28 classes were scheduled and awards were made in all classes. No record of attendance was kept.

On September 9 and 10 was held the Dahlia and Fruit Exhibition in conjunction with the New England Dahlia Society. The number of classes scheduled was 68; number of awards made, 46. The exhibition was free and the attendance was 6,162.

The last exhibition of the year was the Autumn Exhibition of Plants, Flowers, Fruits, and Vegetables held November 4 and 5. The number of classes scheduled was 108. The number of awards made was 81. The admission fee was fifty cents and the attendance was 1,529.

I took occasion last year to call attention to the relative popularity of different cultivated flowers as manifested by the attendance of visitors to our exhibitions. The result this year is the same as it was last year. Dahlias head the list with an attendance of 6,162; gladioli come next, the number of visitors being 5,966; rhododendrons and irises follow with 4,015; then roses, which this year were coupled with sweet peas, brought an attendance of 3,819. These were all free exhibitions. When an admission fee was charged the attendance diminished in a most astonishing degree. The attendance at the Chrysanthemum Show, when fifty cents was charged for admittance, being but 1,529.

In view of this fact, and that this Society is primarily an educational society, and should therefore reach, in its endeavors, the largest possible number of persons, it seemed advisable that, for the present at least, all exhibitions of the Society should be open free to the public, and it was so voted by your Board of Trustees at their last meeting, held in December, 1922.

Your Committee on Exhibitions has already prepared the

schedule for 1923 and it is now in the hands of the printer. In the preparation of this schedule your Committee on Exhibitions wishes to acknowledge the material assistance rendered by the Chairman of the Committee on Plants and Flowers, the Chairman of the Committee on Fruits, and the Chairman of the Committee on Vegetables.

At the suggestion of your President, Mr. Burrage, a special exhibition of wild flowers and wild ferns, native to New England, was announced for May 3-11, the object being to familiarize the people with our native flowers and plants, and to stimulate the desire for their protection and preservation.

Practically speaking, in the common parlance of the day, it was a one man show. Preparations were begun more than a year in advance and collections were made from all quarters of New England, from the Cape to the mountains. Our enterprising President, Mr. Burrage, with his active and competent corps of assistants, really performed a miracle. By forcing some plants and retarding others, over a long period of time, asters and cardinal flowers were made to bloom with mayflowers and hepaticas.

The installation of this exhibition was a masterpiece. It was so well done that visitors were impressed with a consciousness of being "back to nature." The main hall was transformed into a mountain gorge. At the further end an eighteen foot high waterfall came tumbling over a rocky bed into a large and shadowy pool. It was backed and nearly surrounded by a most natural looking forest of conifers, and great masses of ferns. From the pool a brook flowed under a rustic bridge and on through the central glade. Pine needle covered-paths led from one fascinating point to another. All the ferns, native to New England, were growing there in natural surroundings and made one of the most attractive and instructive features. Then there were dogwoods, high and low bush blueberries, marsh marigolds and bayberries, all in full flower and all smiling and happy with their unusual neighbors, an assemblage such as, in all probability, will never come together again. It was a most beautiful and fascinating place, and aroused a most unwonted enthusiasm with the public which was manifested by the extraordinary and unparalleled attendance. Such was its popularity the exhibition was kept open until May 14. The turn-

stiles registered an attendance of nearly 83,000 persons, a figure never before even approached by any exhibition ever held in these halls, and there have been many of most extraordinary merit and interest. I have called it a masterpiece of installation and no other word seems adequate.

This community is under a deep obligation to Mr. Burrage for his altruistic activities on its behalf in promoting the interests which underlie the foundation of this Society.

PLANTS AND FLOWERS.

Theophilus D. Hatfield, Chairman of the Committee on Plants and Flowers, reported in detail the exhibits made at the exhibitions of the year 1922.

March 23-26. Spring Exhibition. This was only a fair show. The Schedule called for a liberal supply of bulbous plants, but was poorly filled. Various exhibits of decorative material not called for in the Schedule saved the show from being a failure.

Edwin S. Webster's display of French hydrangeas was well done. His group of decorative plants was well designed and tastefully arranged. It included acacias, heaths, *Cytisus*, *Narcissus*, *Primulas*, and *Hyacinths* as prominent features. He also had a display of well-grown *Cyclamen*.

Frederick E. Palmer, the Brookline florist, had a neat display of commercial plants, including palms, ferns, marguerites, hydrangeas, *Schizanthus*, and Baby-Rambler roses. The Irishorpe Spring Bulb Garden was well-conceived and laid out with characteristically spring blooming plants, such as bulbs, primroses, irises, azaleas, forsythias, and dwarf evergreens.

Mrs. C. G. Weld set up an imposing group with *Schizanthus*, *Amaryllis*, *Freesia*, *Cyclamen*, *Primulas*, tulips, narcissi, ferns, palms, and hydrangeas. The wealth of material used could have occupied more space with equally good effect.

Loren D. Towle had a good group of well-grown Pink Pearl rhododendron, acacias, azaleas, and ferns, with decorative material in an effective grouping. W. W. Edgar Co. put up a lot of finely grown commercial plants with acacias, Baby Rambler and other roses, and hydrangeas as the principal features. Mrs. R. M.

Saltonstall showed a well-finished lot of *Schizanthus*, *Cinerarias*, and the old-fashioned *Lachenalias*. Walter Hunnewell Estate exhibited azalea *Louisa Hunnewell*, *Azalea Kaempferi*, and *Azalea speciosa*, the last recently discovered in the Southern States.

E. B. Dane made a display of heaths and cut orchids. E. S. Webster also had a fine display of orchids. The Harvard Botanic Garden showed an uncommon plant, the *Isoloma hirsutum*, an ally of the *Gesnerias*. Edward Rose of Somerville made an educational display of bulbous plants, all being distinctly labeled.

William Walke of Salem staged a select group of *Amaryllis* with decorative material. L. D. Towle, George P. Gardner, Jr., A. W. Preston, Mrs. J. L. Gardner, E. S. Webster, and Miss Margaret A. Rand were the principal exhibitors of bulbous plants.

May 3-14. Wild Flower Show. The success of the native orchid show in 1921 no doubt prompted Mr. Burrage, our enterprising president, to have one of wild flowers this year. It was a large undertaking and was carried out with great skill. It was a wonderful achievement to have so many genera and species represented, blooming as they do naturally at various seasons of the year, in bloom at one time. Great credit is due to Mr. Burrage and his able assistants, Douglas Eccleston and Frederick Pocock, for carrying out the plan, even to the minutest detail.

June 3 and 4. Rhododendron, Azalea, and Iris Exhibition. Irises were shown in quantity and extra fine quality by Miss Grace Sturtevant of Wellesley Farms, Mrs. Homer Gage of Shrewsbury, and Mrs. C. W. Willis of Bedford. Miss Sturtevant's collection was notable for the large number of *Iris pallida dalmatica* hybrids, many of which she has raised. Among them were Shekinah, yellow; Caterina, yellow and chocolate tinted; Myth, solid blue; Balboa, solid lavender; Pandora, lavender; Trojana, deep blue; and Ossian, yellow. Irithorpe gardens had Jacqueminot, maroon; Bernice, Kharput, Princess Victoria, and *Iris flarescens*.

Henry Stewart of Waltham showed a very good plant of the bottle-brush, *Metrosideros floribunda*, and a specimen plant of *Dendrobium thyrsiflorum*.

T. C. Thurlow's Sons made an attractive grouping of rhododendrons including plants as well as cut blooms. They also showed Ghent and Mollis azaleas, and the new rhododendron which they

have named for W. P. Rich, the Secretary of the Society. It has a pretty pink bloom very much after *delicatissimum* in form.

June 17 and 18. The Peony Show. T. C. Thurlow's Sons of West Newbury were the principal exhibitors of peonies which were past hereabouts. The flowers were not up to form as they had been kept in storage. The display was set up attractively with a flower garden effect by James Wheeler of Natick and it did him great credit.

June 24-25. The Rose, Strawberry, and Sweet Pea Exhibition. A very good display of Rambler and bush roses was made by A. J. Fish of New Bedford. Amongst them were Silver Moon, and Dr. Van Fleet; Aunt Harriet, crimson; Gruss an Freundorf, maroon; Sander's, white; Oriole, yellow; Philadelphia Rambler, scarlet; Christine Miller, Petite Jean, and Edwin Lonsdale. Hillcrest Gardens showed fine larkspurs; Walter Hunnewell Estate, *Clematis recta*, var. *mandshurica* and *Astilbe koreana*. Mrs. Lester Leland, Eric H. Wetterlow, gardener, set up a very fine group of seedling tuberous begonias. They are evidently well adapted for bedding purposes.

The Sweet Pea Show as such came near being a failure on account of weather conditions. There were few exhibitors and only a limited amount of stock was staged. Edwin Jenkins of Lenox mustered enough to compete for the Hutchins Memorial Prize. In this exhibit were Daisy K. Elliott, pink; Ravensburg, bronze purple; Cecily, cream pink; Floradale Purple; Hebe, pink; R. F. Felton, lavender; Felton's Cream and Rose Elliott, magenta; Constance Hinton, white; and Mrs. Tom Jones, blue.

August 12-13. The Gladiolus Show. This was one of the best of the year in every way. Gladiolus enthusiasts attended in large numbers. For the time being the Primulinus hybrids hold first place, their gracefully arching spikes and lovely color tones appeal to all. Besides they are more easily adaptable for various kinds of decorations and very fine effects can be made when used with almost any kind of greenery.

For bolder effects and especially where brilliant coloring effects are desired the Gandavensis, Lemoinei, and Childsii hybrids will continue to find a place. Some of the best of the Primulinus hybrids are Salmon Beauty, Alma Gluck, Butterfly, Simplicity,

Dawson, and Naomi. A fine vase of Mrs. Frank Pendleton was shown by Charles Beasley of Milton. Of the other types some of the outstanding varieties were Schwaben, yellow; Panama, sulphur tinted pink; Dr. Norton; Red Emperor; Pink Perfection; Europa, white; Persian, maroon; Niagara, yellow; H. C. Goehl, Lemoinei hybrid, white, dark blotch; Diana, red; Crimson Glow; America, lavender pink.

A. L. Stephen won the prize for a display of fifty or more varieties with one hundred; B. & A. Norley of Roslindale and C. W. Brown of Ashland made fine displays of seedlings. The principal exhibitors were A. L. Stephen, S. E. Spencer, Charles Beasley, James Wheeler, Eugene Fischer, C. F. Fairbanks, L. D. Towle, and A. L. McLean.

The Bay State Nurseries made an extensive display of herbaceous flowers, Miss Marian Roby Case showed a tasteful basket of lace flowers and poppies, Thomas H. Hughes, decorative dahlias, and T. C. Thurlow's Sons, phloxes.

September 9-10. The Dahlia Show. Apparently the dahlia remains the most popular flower with the mass of garden-lovers. This was one of the best shows of the season. One commercial firm made an attractive display arranged in baskets with foliage. This was a welcome change from the monotony of row on row of bottles. The majority of the flowers staged were of the Decorative and otherwise ragged types, noted for their large size and often coarseness. Very few of the neater, old-time Show and Fancy were to be seen. There were many aliases. Something ought to be done by the Dahlia Society to classify and weed out synonyms.

November 4-5. The Autumn Exhibition. The Chrysanthemum Show has lost its name. What a change! Loren D. Towle's display of chrysanthemums with other decorative material in design and arrangement was the most effective grouping seen here for a long time. There were no specimen plants. Mr. Towle's big blooms were quite up to the standard for size but there were no new varieties.

Edwin S. Webster's decorative display had some very good hybrid begonias as a feature. It was well designed and tastefully arranged. Mr. Towle's decorative display included some very good orchids. Single chrysanthemums came from Arthur Lyman, Mrs. Homer

Gage, and Cromwell Gardens, Connecticut. They attracted much attention.

A. E. T. Rogers of Prides Crossing exhibited a table of seedling chrysanthemums raised by him from Mrs. Filkins, an old fringed variety of the Anemone-flowered type. While retaining more or less the fringed character of the parents they showed considerable diversity of form and may become valuable for decorative purposes.

In addition to the money awards as listed in the Schedule the following special awards have been made by the committee:

GOLD MEDAL.

March 23. A. J. Jenkins, spring bulb garden.
May 4. Douglas Eccleston, for the reproduction of natural living conditions of native New England flora.
" 4. E. H. Lincoln, for the production and exhibition of a remarkable series of unrivaled photographs of native New England flowers.
" 24. E. S. Webster, best arranged group of growing plants. Awarded through the Chestnut Hill Garden Society.
June 30. Mrs. Banyer Clarkson, best exhibit of hardy perennial plants. Awarded through the Lenox Garden Club.

APPLETON GOLD MEDAL.

January 9. Donald McKenzie, culture of *Cypripedium insigne Sanderae*.
May 4. Frederick Pocock, for assistance in the reproduction of natural living conditions of native New England flora.

SILVER MEDAL.

March 23. L. D. Towle, *Azalea indica*, Mattapan variety.
June 17. T. C. Thurlow's Sons, Inc., for the most meritorious display of peonies arranged for effect.
August 12. A. L. Stephen, best collection of not less than fifty named varieties of gladioli.
" 12. Thomas Cogger, Gladiolus American Beauty.
" 12. Bay State Nurseries, display of herbaceous flowers.
September 9. Joseph Breck and Sons, meritorious display of dahlias.
November 4. E. B. Dane, Brasso-Cattleya Admiral Jellicoe.

BRONZE MEDAL.

June 3. For the most comprehensive display of irises in any and all classes.
 " 24. T. C. Thurlow's Sons, Inc., display of late-blooming peonies.
 August 12. S. E. Spencer, collection of fifty varieties of gladioli.

FIRST CLASS CERTIFICATE OF MERIT.

January 9. E. B. Dane, Cypripedium Perfection (*C. venustum* \times *C. bel-latum*).
 " 9. " " " Cypripedium (*C. alportense* \times *C. Leeannum giganteum*).
 June 3. Walter Hunnewell Estate, *Kolkwitzia amabilis*.
 " 24. " " " *Astilbe koreana*.
 " 24. " " " *Clematis recta*, var. *mandshurica*.
 " 24. E. H. Wetterlow, Tuberous Begonia Seedling No. 7, 1922.
 September 9. L. D. Towle, *Laelio-Cattleya Colmaniana*.
 November 4. A. E. T. Rogers, Chrysanthemum Mrs. W. H. Moore.
 " 4. " " " collection of seedling chrysanthemums from Mrs. Filkins.
 " 4. Cromwell Gardens, collection of pompon chrysanthemums.
 " 4. " " " Rose Commonwealth.

CULTURAL CERTIFICATE.

November 4. E. B. Dane, Laelio-Cattleya Alex.
 " 4. " " " *Cypripedium insigne Sanderae*.

HONORABLE MENTION.

March 23. Warburton, Florist, Carnation Remington Red.
 June 3. Walter Hunnewell Estate, seedling azalea (*A. arborescens* \times *A. calendulacea*).
 " 3. T. F. Donahue, display of seedling peonies.
 " 3. Miss Grace Sturtevant, vase of seedling peonies.
 " 24. A. J. Fish, Rambler Rose Gruss an Freundorf.
 " 24. Mrs. Lester Leland, collection of tuberous begonias.
 August 12. S. A. Borden, display of gloxinias.
 " 12. T. H. Hughes, display of decorative dahlias.
 " 12. Thomas Cogger, collection of seedling gladioli.
 " 12. L. D. Towle, decorative display of gladioli.
 " 12. Hillcrest Gardens, basket of lace flowers and poppies.

September 9. W. H. Cruff, dahlia seedlings from Geisha.
" 9. E. F. Dwyer & Sons, seedling dahlia.
" 9. G. L. Fish, display of seedling dahlias.
" 9. Mrs. C. D. Benedict, decorative display.

OTHER AWARDS.

June 4, the Hillcrest Gardens Silver Cup was awarded to Irithorpe for the best display of irises arranged for effect by an amateur, to be awarded to the exhibitor winning it three times.
June 24, the Chestnut Hill Garden Society Silver Trophy was awarded to Irithorpe for the most artistic exhibit of sweet peas.

FRUITS.

Edward B. Wilder, Chairman of the Committee on Fruits, presented his report for the year 1922, as follows:

The display of fruit for the year has been limited to four exhibitions, the Schedule making no provision for the usual show of currants, raspberries, and other small fruits in July.

The Strawberry Exhibition was a failure, there being only one plate of strawberries and two plates of cherries on the table June 24-25. This was due to the early season, the crop having passed before the date set for the exhibition.

It seems increasingly difficult in our uncertain New England climate to make up a Schedule for small fruits six months in advance and set a date for their exhibition with any certainty of having the date of the exhibition come at the height of the crop. We are very glad to state that the Schedule for 1923 has left the dates for the June exhibitions to be fixed later, as the season develops. It is interesting to note that at the Exhibition of Summer Fruits, August 12-13, prizes were awarded for every class in apples and pears; peaches and plums, however, being scarce.

Mrs. C. E. Cotting of Manchester, Mass., J. F. Madden, gardener, received a Certificate of Merit for a seedling melon grown under glass. This melon is a cross between Honey Dew and Sutton's Superlative, some specimens having a very thick orange flesh of most excellent flavor, other specimens having green flesh but also of good flavor. The Committee is of the opinion that this seedling

melon is of great promise; and it is hoped that it will be perfected by its originator.

There was a good display of fruit at the Dahlia and Fruit Exhibition, September 9-10, although the date was a little early for autumn fruits. The apples were excellent and the native grapes very attractive, with some peaches, plums, and foreign grapes. This was by far the best show of the season up to that time. We think, however, that the fruits at the November Exhibition, November 4-5, outclassed anything during the year. The Lecture Hall contained a fine display of apples, one long table being entirely devoted to any variety of apple other than those classed in the Schedule.

Special mention should be made of the class for fifty specimens of apples, in which there were eleven entries. Much interest in this class was shown. There was also an excellent display of pears and native grapes which warrants special mention because of the lateness in the year for such fruit.

The Special Prize offered by the President of the Society of a \$50.00 Silver Cup for the most effective, comprehensive exhibit of fruit grown by the exhibitor and covering a space of 50 square feet was awarded the Hillcrest Gardens of Weston, Mass., which had a very attractive exhibit of fruit beautifully arranged with oak leaves in their gorgeous autumn coloring against the wall of the Lecture Hall.

These autumn exhibitions have greatly encouraged your committee, who ask your hearty coöperation that the great Fruit and Vegetable Exhibition to be held September 28-30, 1923, may be the best ever held in these halls.

VEGETABLES.

William N. Craig, Chairman of the Committee on Vegetables, reported that the exhibits of vegetables made during 1922 were fewer in number than for some years but the quality was uniformly good. The season was on the whole a good one for vegetable growing and crops averaged a little better than usual; exceptions were celery which was much attacked by blight and in many fields and gardens seriously damaged by the European corn

borer; also sweet corn the culture of which has been given up completely in some sections owing to the last named pest. As the corn borer attacks other vegetables than celery and corn and is steadily spreading it has become a most serious menace to vegetable growers.

The summer was an extremely wet one and both potatoes and tomatoes suffered from the excess of moisture but we never had cleaner and better grown specimens of each at our exhibitions.

Vegetable collections have been good but in some cases more artistic arrangement might have been made with very little effort. Splendidly grown vegetables properly displayed are equally as attractive as fruits or flowers and exhibitors should see to it that each specimen is staged so as to show its individuality. We are still much behind the European shows when it comes to artistic groupings. We can grow good specimens, why not take time to properly display them? There is also great need for improvement in nomenclature. The rules of the Society are not obeyed at all in many cases and exhibitors must be taught the absolute necessity of labeling all exhibits plainly, not with small wooden labels, tags, or strips of paper of variable size, but with plain cards of a uniform size either printed, typed, or written in ink. There is a crying need of better labeling of not only vegetables but of flowers and fruits and this was especially true at our August and September shows.

Appropriations for vegetables were small in 1922 and for several preceding years. They are much more liberal for the coming year and we look to see more extensive and better grown displays of vegetables at the shows in 1923 than for many years. A combined vegetable and fruit exhibition is scheduled for September 28-30, 1923, and we would earnestly urge the support of commercial growers, who have been all too few of late, private gardeners, and amateur cultivators, so that we may have displays at this and other exhibitions which will reflect credit to the Society. It will be particularly pleasing to have specimens shown of new and unusual vegetables such as Miss Case of Hillcrest Gardens has done so much to popularize.

The William B. H. Dowse Trophy offered to the exhibitor making the best showing of vegetables during the year was awarded to Oliver Ames of North Easton (Edward Parker, gardener). The

Silver Cup offered by the President of the Society for the most effective comprehensive exhibit of vegetables covering a space of fifty sq. ft. was awarded at the Autumn Exhibition to Hillcrest Gardens, Weston.

CHILDREN'S GARDENS.

The Committee on Children's Gardens, through its Chairman, James Methven, presented the following report:

The Annual Exhibition of the Products of Children's Gardens was held at Horticultural Hall on Saturday and Sunday, August 26 and 27, 1922. With five exceptions all the prizes offered by the Society were awarded and competition in some of the classes was remarkable. In the class for six specimens of tomatoes there were 92 entries, and in eleven classes for single plates or specimens of vegetables there were 473 entries. In the class for the best collection of four varieties of vegetables there were 42 entries.

In the classes for flowers the competition was also keen. There were 50 entries for the five prizes offered for a vase of dahlias. The quality of the products exhibited showed a wonderful improvement over previous years. During the show several of the judges gave advice to the children in selecting and arranging their exhibits, a work which could be continued with good results.

ADDITIONAL NOTES.

Supplementary to the reports of the officers and committees the Secretary presents the following additional record of the work of the Society during the year.

The appropriations for prizes and gratuities and the actual awards made were as follows:

For plants and flowers	\$4,175.00	Amount awarded	\$2,964.00
For fruits	864.00	"	527.00
For vegetables	704.00	"	502.00
For Children's gardens	305.50	"	301.25
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Total amount offered	\$6,048.50	"	\$4,294.25

The lectures given on Saturday and Sunday afternoons in connection with the exhibitions show a steady increase in attendance

and interest and are proving a desirable addition to the horticultural educational work of the Society. The speakers this year have been the following well-known specialists in the various classes of plants:

Spring Exhibition, March 23-26. Chester Jay Hunt, Little Falls, N. J., on the culture of the daffodil and the tulip.

Rhododendron Show, June 3-4. William H. Judd of the Arnold Arboretum, on the cultivation of rhododendrons.

Peony Exhibition, June 17-18. David C. Stranger, West Newbury, Mass., on peony culture.

Rose and Strawberry Exhibition, June 24-25. Dr. Robert Huey, Philadelphia, on the cultivation of outdoor roses.

Gladiolus Exhibition, August 12-13. B. Hammond Tracy, Wenham, Mass., on the cultivation of the gladiolus.

Dahlia and Fruit Exhibition, September 9-10. Albert R. Jenks, West Acton, Mass., on the cultivation of fruit in New England.

Chrysanthemum Show, November 4-5. Charles H. Totty, Madison, N. J., on hardy chrysanthemums.

The following additional lectures were given on the occasion of the special wild flower exhibition in May:

May 4. Some reasons why our wild flowers are rare. By Prof. Merritt L. Fernald, Harvard University.

May 5. The conservation of our wild flowers. By Herbert W. Faulkner, Washington, Conn.

May 6. The cultivation of native plants. By Robert T. Jackson, Peterborough, N. H.

May 8. The naturalization of wild flowers. By Norman Taylor, Brooklyn Botanic Garden, Brooklyn, N. Y.

The publications of the Society and the dates of issue during the year were as follows:

March 24. Schedule of Prizes and Exhibitions for 1922, 42 pages.

April 15. Bulletin No. 9. Wild Flower Preservation.

April 17. Bulletin No. 10. Wild Flower Literature.

June 1. Charter and By-laws of the Society. Revised to January 21, 1922, 20 pages and cover.

July 22. Annual Report, 1921, 56 pages.

WILLIAM P. RICH,
Secretary.

MASSACHUSETTS HORTICULTURAL SOCIETY.

REPORT OF THE TREASURER FOR THE YEAR 1922.

INCOME.

Income from Investments and Bank Interest	\$15,024 85
" " Rents	8,557 04
" " Membership Fees	562 00
" " Sale of Lots in Mt. Auburn Cemetery	2,844 28
" " Library Catalogue	280 19
" " Sundry Donations	460 00
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	\$27,728 36

EXPENSES.

Operating Expense	\$27,822 33
Viz: Salaries	\$3,578 50
Insurance	1,613 53
Heating	1,791 47
Labor	6,670 69
Incidentals	2,682 21
Stationery and Printing	1,206 67
Lighting	1,799 98
Library	339 63
Postage	170 00
Repairs	7,571 82
Exhibitions—Net	397 83
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Prizes	2,387.25
Viz: Plants and Flowers in excess of	
Income from Special Funds	\$1,992 00
Fruits in excess of income from	
Special Funds	25 00
Vegetables in excess of income	
from Special Funds	69 00
Children's Gardens	301 25
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Expenditures by Committees	1,964 24
Viz: Lectures and Publications	\$270 06
Medals	1,277 18
Plants	191 00
Fruits	110 00
Vegetables	116 00
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Expenses Paid from Funds	\$3,225 94
Viz: Samuel Appleton Fund	\$51 00
John A. Lowell "	41 00
Theodore Lyman "	578 00
Josiah Bradlee "	52 00
H. H. Hunnewell "	99 00
W. J. Walker "	85 00
Levi Whitecomb "	28 00
Benjamin B. Davis "	76 00
Marshall P. Wilder "	42 00
Henry A. Gane "	133 00
John S. Farlow "	158 61
John D. W. French "	573 02
John C. Chaffin "	51 00
Benj. V. French "	106 00
John Allen French "	214 00
John S. Farlow "	94 00
George R. White Medal Fund	844 31
 Miscellaneous Expenses	 370 00
Legal	\$35 00
Auditing Books for Year 1921	100 00
Cleaning Lot in Old Colony Ave.	235 00
 Less net amount expended from income added to funds prior to year 1922	 443 78
Excess of Expenditures over Income	7,597 62 \$35,325 98

ASSETS.

ASSETS (Book Value) DECEMBER 31, 1922.

Real Estate	\$498,564 63
Furniture and Exhibition Ware	7,982 61
Library	46,580 47
\$2,000 Kansas Clinton & Springfield 5% Bds. 1925	1,980 00
\$10,000 Lake Shore & Michigan So. 3½% Bds. 1997	10,000 00
\$21,000 City of Newton 4% Bds. 1928	21,000 00
\$50,000 Atchison Topeka & Santa Fe 4% Bds. 1995	44,693 25
\$11,300 Pere Marquette 5% Bds. 1956	9,933 75
\$25,000 Kansas City Ft. Scott & Memphis 6% Bds. 1928	25,000 00

\$50,000 Chicago, Burlington & Quincy Ill. Div.		
3½% Bds. 1949	50,000	00
\$8,000 Boston & Maine 4½% Bds. 1944 . . .	8,000	00
\$4,000 Interborough Rapid Transit 5% Bds. 1966 .	3,920	00
\$4,000 American Tel. & Tel. 4% Bds. 1936 . .	4,000	00
\$10,000 American Tel. & Tel. 4½% Bds. 1933 .	8,396	00
\$12,000 Pacific Telephone Co. 5% Bds. 1937 .	11,670	00
\$10,000 Appalachian Power Co. 5% Bds. 1941 .	9,225	00
\$10,000 Atlantic Refining Co. 5% Bds. 1937 .	9,975	00
\$10,000 Chicago B. & Q. 5% Bds. 1971 . . .	10,212	50
\$10,000 New York Central 5% Bds. 2013 . . .	9,950	00
\$12,000 2nd Liberty Loan 4½%	12,000	00
\$5,000 U. S. Steel 5% Bds. 1963	5,043	75
\$10,000 So. California Telephone 5% Bds. 1947 .	9,550	00
337 shares General Electric Co.		
168 " " " " Special }	13,606	45
110 shares Standard Oil Co.	11,550	00
Bursar's Cash	527	76
Treasurer's Cash (Overdraft)	1,444	14
		\$841,917 03

LIABILITIES.

Samuel Appleton Fund	\$1,035	00
John A. Lowell "	1,057	00
Theodore Lyman "	11,153	00
Josiah Bradlee "	1,008	00
Benjamin V. French "	585	00
H. H. Hunnewell "	4,598	00
W. J. Walker "	2,437	23
Levi Whitcomb "	525	00
Benjamin B. Davis "	514	00
Marshall P. Wilder "	1,009	00
John L. Russell "	1,040	00
Francis B. Hayes "	12,000	00
Henry A. Gane "	1,152	00
J. D. W. French "	12,129	21
John S. Farlow "	2,598	93
Benjamin H. Pierce "	936	00
John C. Chaffin "	1,275	89
Benjamin V. French "	3,136	00
John Allen French "	5,361	00
George R. White "	7,639	87
John S. Farlow "	3,266	42
Albert C. Burrage "	1,200	00

Helen Collamore Fund	5,000 00
Caroline S. Freeman "	10,000 00
Anonymous "	1,000 00
Mrs. Stephen Crosby Prize	100 00
	<hr/>
Capital and Reserve	750,160 48
	<hr/>
	\$841,917 03

BALANCE SHEET — JANUARY 1, 1923.

ASSETS.

Cash:

Treasurer (Overdraft)	\$1,444 14
Bursar	527 76
Investments	289,705 70
Property Massachusetts & Huntington Avenues .	498,564 63
Furniture and Exhibition Ware	7,982 61
Library	46,580 47
	<hr/>
Total Assets	\$841,917 03

FUNDS AND CAPITAL

Life Membership Fees	\$8,290 00
Mt. Auburn Cemetery Fund	18,320 63
Sundry Funds	91,756 55
Bequest of F. B. Hayes	\$247,489 27
Less Guardian's Acct. \$82,496 43	
Trustees' Acet. 2,308 66 84,805 09 162,684 18	
	<hr/>
Capital Account	\$564,524 70
Less Loss on Bonds	1,565 00 562,959 70
	<hr/>
Spry Suspense Account	780 95 844,792 01
	<hr/>
Income Deficit	2,874 98
	<hr/>
Total Funds and Capital	\$.841,917 03

MEMBERSHIP.

December 31, 1922.

Life Members, December 31, 1921	783
Added in 1922	24
Changed from Annual	25
	—
	832
Deceased	18 814
	—
Annual Members, December 31, 1921	218
Added in 1922	23
	—
	241
Changed to Life	25
Deceased	3
Resigned	1
Dropped for non-payment of dues	9 38 203
	—
Membership, December 31, 1922	1017

INCOME FROM MEMBERSHIP.

24 New Life Members at \$30	\$720 00
23 New Annual Members at \$10	230 00
3 Annual Members, changed to Life	60 00
Annual Members' Dues for 1922	332 00
	—
	\$1,342 00

JOHN S. AMES,
Treasurer.

OFFICERS AND COMMITTEES, 1923.

LIST OF MEMBERS.

Revised to March 1, 1923.

Massachusetts Horticultural Society

OFFICERS AND STANDING COMMITTEES FOR 1923.

President.

ALBERT C. BURRAGE, OF BOSTON.

Vice-Presidents.

THOMAS ALLEN, OF BOSTON.
CHARLES S. SARGENT, OF BROOKLINE.

Treasurer.

JOHN S. AMES, OF NORTH EASTON.

Secretary.

WILLIAM P. RICH, OF CHELSEA.*

Trustees.

JOHN S. AMES, OF NORTH EASTON.
FRANCIS H. APPLETON, OF BOSTON.
ROBERT CAMERON, OF IPSWICH
MISS MARIAN R. CASE, OF WESTON.
MRS. S. V. R. CROSBY, OF BOSTON.
WILLIAM C. ENDICOTT, OF BOSTON.
MRS. HOMER GAGE, OF WORCESTER.
NATHANIEL T. KIDDER, OF MILTON.
ARTHUR LYMAN, OF BOSTON.
HENRY H. RICHARDSON, OF BOSTON.
THOMAS ROLAND, OF NAHANT.
MRS. BAYARD THAYER, OF SOUTH LANCASTER.
GEORGE C. THURLOW, OF WEST NEWBURY.
HENRY P. WALCOTT, OF CAMBRIDGE.
EDWIN S. WEBSTER, OF BOSTON.
ERNEST H. WILSON, OF JAMAICA PLAIN.
FRED A. WILSON, OF NAHANT.

* Communications to the Secretary, on the business of the Society, should be addressed to him at Horticultural Hall, Boston.

COMMITTEES FOR 1923**Finance Committee**ALBERT C. BURRAGE, *Chairman*

JOHN S. AMES

WILLIAM C. ENDICOTT

Executive CommitteeALBERT C. BURRAGE, *Chairman*

THOMAS ALLEN

WILLIAM C. ENDICOTT CHARLES S. SARGENT

JOHN S. AMES

THOMAS ROLAND

Membership CommitteeNATHANIEL T. KIDDER, *Chairman*

MISS MARIAN R. CASE

GEORGE C. THURLOW

Committee on PrizesTHOMAS ROLAND, *Chairman*

HENRY H. RICHARDSON

GEORGE C. THURLOW

Committee on ExhibitionsTHOMAS ALLEN, *Chairman*

WILLIAM N. CRAIG

THOMAS ROLAND ERNEST H. WILSON

MISS MARIAN R. CASE

Committee on LibraryCHARLES S. SARGENT, *Chairman*

NATHANIEL T. KIDDER

Committee on Lectures and PublicationsFRED A. WILSON, *Chairman*

CHARLES S. SARGENT

Committee on BuildingsJOHN S. AMES, *Chairman*

FRED A. WILSON

Committee on GardensWILLIAM C. ENDICOTT, *Chairman*

MRS. FRANCIS B. CROWNINSHIELD

MRS. BAYARD THAYER

Committee on George R. White Medal of HonorCHARLES S. SARGENT, *Chairman*

THOMAS ROLAND

WILLIAM C. ENDICOTT

Committee on Children's GardensROBERT CAMERON, *Chairman*

MISS ELEANOR W. ALLEN

MISS LOUISA HUNNEWELL

Committee on Plants and FlowersT. D. HATFIELD, *Chairman*

WILLIAM ANDERSON

GEORGE W. BUTTERWORTH

WILLIAM H. JUDD

GEORGE F. STEWART

Committee on FruitsEDWARD B. WILDER, *Chairman*

ISAAC H. LOCKE

JAMES METHVEN

Committee on VegetablesWILLIAM N. CRAIG, *Chairman*

WALTER H. GOLBY

EDWARD PARKER

MEMBERS OF THE MASSACHUSETTS HORTICULTURAL SOCIETY.

Revised to March 1, 1923.

HONORARY MEMBERS.

Members and correspondents of the Society and all other persons who may know of deaths, changes of residence, or other circumstances showing that the following lists are inaccurate in any particular, will confer a favor by promptly communicating to the Secretary the needed corrections.

1900 DR. HENRY S. PRITCHETT, New York.

1900 ALBERT VIGER, President of the National Society of Horticulture of France, Paris.

CORRESPONDING MEMBERS.

1921 J. F. BAILEY, Director of the Botanic Gardens, Adelaide, South Australia.

1889 DR. L. H. BAILEY, Ithaca, N. Y.

1875 PROFESSOR WILLIAM J. BEAL, Amherst, Mass.

1911 W. J. BEAN, Royal Botanic Gardens, Kew, England.

1918 DÉSIRÉ BOIS, Paris, France.

1922 JOSEPH EDGAR CHAMBERLIN, Boston.

1918 LÉON CHENAULT, Orléans, France.

1921 F. J. CHITTENDEN, F. L. S., R. H. S. Gardens, Surrey, England.

1921 ALISTER CLARK, Glenara, Bulla, Victoria.

1921 DR. L. COCKAYNE, Wellington, New Zealand.

1921 J. CRONIN, Curator of the Botanic Gardens, Melbourne, Victoria.

1911 JOHN DUNBAR, Park Department, Rochester, N. Y.

1887 SIR W. T. THISELTON DYER, K. C. M. G., F. R. S., "Witcombe," Gloucester, England.

1921 W. R. DYKES, Secretary of the Royal Horticultural Society, London, England.

1918 WILLIAM C. EGAN, Highland Park, Ill.

1918 BERTRAND H. FARR, Wyomissing, Pa.

1893 B. E. FERNOW, University of Toronto, Toronto, Ontario.

1900 DR. BEVERLY T. GALLOWAY, Department of Agriculture, Washington, D. C.

1877 GEORGE LINCOLN GOODALE, M. D., Cambridge, Mass.

1918 PROFESSOR N. E. HANSEN, Brookings, So. Dak.

1911 PROFESSOR U. P. HEDRICK, New York Agricultural Experiment Station, Geneva, N. Y.

1907 AUGUSTINE HENRY, F. L. S., M. R. I. A., Professor of Forestry, Royal College of Science, Dublin, Ireland.

1919 LT.-COL. SIR GEORGE HOLDFORD, Tetbury, Gloucestershire, England.

1918 CHARLES L. HUTCHINSON, Chicago, Ill.

1906 SENOR DON SALVADOR IZQUIERDO, Santiago, Chile.

1918 MRS. FRANCIS KING, Alma, Mich.

1921 C. E. LANE-POOLE, Conservator of Forests, Perth, Western Australia.

1911 ÉMILE LEMOINE, Nancy, France.

1918 J. HORACE MCFARLAND, Harrisburg, Pa.

1921 J. H. MAIDEN, I. S. O., F. R. S., F. L. S., Director and Government Botanist, Sydney, New South Wales.

1875 T. C. MAXWELL, Geneva, N. Y.

1911 WILHELM MILLER, Detroit, Mich.

1898 SIR FREDERICK W. MOORE, Glasnevin, Dublin, Ireland.

1918 DR. GEORGE T. MOORE, Director of the Missouri Botanical Garden, St. Louis, Mo.

1887 SIR DANIEL MORRIS, C. M. G., D. Sc., M. A., F. L. S.

1919 SÉRAPHIN JOSEPH MOTTET, Verrières-le-Buisson (Seine-et-Oise), France.

1912 C. HARMAN PAYNE, London, England.

1906 Lt.-Col. SIR DAVID PRAIN, C. I. E., C. M. G., F. R. S., Kew, England

1894 CAVALIÈRE ENRICO RAGUSA, Palermo, Sicily.

1906 DR. HENRY L. RIDLEY, C. M. G., F. R. S., Kew, England.

1898 BENJAMIN LINCOLN ROBINSON, PH.D., Curator of the Gray Herbarium of Harvard University, Cambridge, Mass.

1875 WILLIAM ROBINSON, East Grinstead, Sussex, England.

1921 Leonard Rodway, C. M. G., Government Botanist and Secretary, Botanic Gardens, Hobart, Tasmania.

1919 EUGÈNE SCHÄTTEL, Paris, France.

1921 DAVID TANNOCK, Superintendent, Botanic Gardens, Dunedin, New Zealand.

1893 PROFESSOR WILLIAM TRELEASE, University of Illinois, Urbana, Illinois.

1882 Sir HARRY J. VEITCH, Chelsea, England.

1921 JACQUES DE VILMORIN, Paris, France.

1912 PROFESSOR HUGO DE VRIES, University of Amsterdam, Amsterdam. Holland.

1918 F. GOMER WATERER, Bagshot, Surrey, England.

1894 WILLIAM WATSON, Kew, England.

1919 J. C. WILLIAMS, Gorran, Cornwall, England.

1906 MISS E. WILLMOTT, Essex, England.

1911 E. H. WILSON, Jamaica Plain, Mass.

1921 GURNEY WILSON, F. L. S., Richmond, Surrey, England.

1901 PROFESSOR L. WITTMACK, Secretary of the Royal Prussian Horticultural Society, Berlin, Prussia.

LIFE MEMBERS.

1899 Adams, Mrs. Charles Francis, South Lincoln.	1899 Ayer, James B., Boston.
1907 Adams, George E., Kingston, R. I.	1912 Bache, James S., Sharon, Conn.
1897 Adams, Henry Saxton, Jamaica Plain.	1905 Backer, Clarence A., Melrose.
1899 Agassiz, Mrs. George R., Boston.	1914 Bacon, Miss E. S., Jamaica Plain.
1922 Alexandre, Mrs. John E., Lenox.	1905 Badger, Walter I., Cambridge.
1894 Allen, Hon. Charles H., Lowell.	1902 Bailey, Robert M., Dedham.
1916 Allen, Edward Ellis, Water- town.	1902 Baker, Clifton P., Dedham.
1905 Allen, Mrs. Sarah R., Wilming- ton.	1901 Baker, James E., South Lincoln.
1898 Allen, Thomas, Boston.	1904 Balch, Joseph, Dedham.
1921 Allison, Frank H., Auburndale.	1909 Baldwin, Frank F., Ashland.
1914 Ames, Mrs. F. L., North Easton.	1888 Barber, J. Wesley, Newton.
1899 Ames, John S., North Easton.	1905 Barnard, George E., Ipswich.
1894 Ames, Oakes, North Easton.	1866 Barnes, Walter S., Brookline.
1899 Ames, Oliver, North Easton.	1898 Barr, John, South Natick.
1867 Amory, Frederic, Boston.	1917 Barrett, Mrs. William Emerson, West Newton.
1920 Andersen, Peter, Woburn.	1897 Barry, John Marshall, Boston.
1896 Anderson, George M., Milton.	1901 Bartlett, Miss Mary F., Boston.
1899 Anderson, Larz, Brookline.	1914 Bartol, Dr. John W., Boston.
1911 Anderson, William, South Lan- caster.	1915 Bartsch, Hermann H., Waver- ley.
1871 Appleton, Hon. Francis H., Boston.	1901 Bates, Miss Mary D., Ipswich.
1914 Appleton, Francis R., New York, N. Y.	1915 Bauernfeind, John, Medford.
1913 Appleton, Henry Saltonstall, Boston.	1899 Baylies, Walter C., Taunton.
1914 Apthorp, Mrs. Harrison O., Milton.	1914 Beal, Mrs. Boylston, Boston.
1900 Arnold, Mrs. George Francis, Brookline.	1905 Beal, Thomas P., Boston.
1894 Ash, John, Pomfret Centre, Conn.	1891 Becker, Frederick C., Cam- bridge.
1890 Atkins, Edwin F., Belmont.	1876 Beckford, Daniel R., Jr., Ded- ham.
	1894 Beebe, E. Pierson, Boston.
	1890 Beebe, Franklin H., Boston.
	1905 Bemis, Frank B., Boston.
	1914 Bemis, Mrs. Frank B., Boston.
	1899 Bigelow, Albert S., Boston.
	1914 Bigelow, Charles, Brookline.
	1899 Bigelow, Joseph S., Cohasset.

1899 Bigelow, Dr. William Sturgis, Boston.	1912 Brooks, Walter D., Milton.
1899 Black, George N., Boston.	1909 Brown, Mrs. John Carter, Prov- idence, R. I.
1885 Blake, Mrs. Arthur W., Brook- line.	1907 Brush, Charles N., Brookline.
1914 Blake, Benjamin S., Auburndale.	1919 Buff, Louis F., Jamaica Plain.
1897 Blake, Edward D., Boston.	1906 Buitta, Vincent, Newton Upper Falls.
1919 Blake, Hallie C., Lexington.	1914 Bullard, Alfred M., Milton.
1919 Blake, Kenneth Pond, Lexing- ton.	1922 Bullard, Mrs. William Norton, Boston.
1918 Blanchard, Archibald, Boston.	1918 Burgess, George Arthur, Mar- blehead.
1921 Blood, Charles O., Lynnfield Center.	1920 Burgess, William H., Lexington.
1921 Blood, Mrs. Charles O., Lynn- field Center.	1897 Burlen, William H., East Hol- liston.
1908 Blood, Eldredge H., Swamp- scott.	1895 Burnett, Harry, Southborough.
1905 Boardman, Miss Eliza D., Boston.	1911 Burnett, John T., Southbor- ough.
1914 Boit, Miss Elizabeth E., Wake- field.	1914 Burnett, Robert M., South- borough.
1883 Bowditch, James H., Brookline.	1914 Burnham, Miss Helen C., Bos- ton.
1894 Bowditch, Nathaniel I., Fram- ingham.	1909 Burr, I. Tucker, Milton.
1877 Bowditch, William E., Roxbury.	1906 Burrage, Albert C., Boston.
1913 Brackett, C. Henry B., Boston.	1919 Burrage, Mrs. Albert C., Bos- ton.
1914 Brandegee, Mrs. Edward D., Brookline.	1918 Burrage, Albert C., Jr., Ham- ilton.
1873 Breck, Charles H., Newton.	1918 Burrage, Charles D., Boston.
1900 Breck, Joseph Francis, Waban.	1921 Burrage, Harry L., Boston.
1914 Breck, Luther Adams, Newton.	1918 Burrage, Russell, Beverly Farms.
1902 Breed, Edward W., Clinton.	1907 Butterworth, George William, South Framingham.
1871 Bresee, Albert, Hubbardton, Vt.	1906 Butterworth, J. Thomas, South Framingham.
1914 Brewer, Edward M., Milton.	1921 Butterworth, Miss Rachel, Framingham.
1914 Brewer, Joseph, Milton.	1905 Buttrick, Stedman, Concord.
1918 Brewer, William C., Newton Centre.	1902 Cabot, George E., Boston.
1919 Briggs, George E., Lexington.	1914 Cabot, Henry B., Brookline.
1910 Briggs, Mrs. George R., Ply- mouth.	1923 Cabot, Mrs. Richard C., Cam- bridge.
1897 Briggs, William S., Lincoln.	1896 Cameron, Robert, Ipswich.
1873 Brigham, William T., Hono- lulu, Hawaii.	1913 Campbell, Chester I., Wollaston.
1909 Brooke, Edmund G., Jr., Prov- idence, R. I.	
1914 Brooks, Henry G., Milton.	

1891 Campbell, Francis, Cambridge.	1899 Coolidge, J. Randolph, Chestnut Hill.
1899 Casas, W. B. de las, Malden.	1919 Copeland, Miss E. Gertrude, Melrose.
1911 Case, Miss Marian Roby, Weston.	1914 Cotting, Mrs. Charles E., Boston.
1918 Chalifoux, Mrs. H. L., Prides Crossing.	1892 Cottle, Henry C., Boston.
1873 Chamberlain, Chauncy W., Waban.	1917 Cotton, Miss Elizabeth A., Brookline.
1909 Chamberlain, Montague, Boston.	1914 Couneilman, Dr. W. T., Boston.
1920 Chandler, Joseph Everett, Boston.	1917 Cowey, S. R., Maine.
1903 Chapman, John L., Prides Crossing.	1913 Cox, Simon F., Mattapan.
1917 Chase, H. F., Andover.	1914 Crafts, Miss Elizabeth S., New York, N. Y.
1909 Chase, Philip Putnam, Milton.	1920 Craig, Mrs. Helen M., Boston.
1921 Chubbuek, William H., Mattapan.	1901 Craig, William Nicol, Weymouth.
1876 Clapp, Edward B., Dorechester.	1917 Crane, Charles R., New York, N. Y.
1919 Clapp, Robert P., Lexington.	1917 Crane, Mrs. R. T., Jr., Chicago, Ill.
1896 Clark, B. Preston, Cohasset.	1891 Crawford, Dr. Sarah M., Newton Center.
1896 Clark, Miss Eleanor J., Pomfret Centre, Conn.	1917 Crocker, Mrs. George U., Boston.
1907 Clark, Herbert A., Belmont.	1914 Crompton, Miss Isabel M., Worcester.
1890 Clark, J. Warren, Millis.	1887 Crosby, George E., West Medford.
1919 Clark, William Edwin, Sharon.	1881 Crosby, J. Allen, Jamaica Plain.
1922 Clarkson, Mrs. Banyer, Tyringham.	1914 Crosby, Mrs. S. V. R., Boston.
1914 Clifford, Charles P., Milton.	1901 Cross, Alfred Richard, North Cohasset.
1895 Clough, Mieajah Pratt, Lynn.	1921 Crowninshield, Benjamin W., Marblehead.
1894 Cobb, John C., Milton.	1921 Crowninshield, Francis B., Boston.
1906 Codman, Miss Catherine A., Westwood.	1921 Crowninshield, Mrs. Francis B., Boston.
1914 Codman, James M., Brookline.	1909 Cumner, Mrs. Nellie B., Boston.
1903 Cogswell, Edward R., Jr., Newton Highlands.	1856 Curtis, Charles F., Jamaica Plain.
1914 Collins, William J., Brookline.	1899 Curtis, Charles P., Boston.
1917 Comley, Henry R., Lexington.	1875 Curtis, Joseph H., Boston.
1902 Comley, Norris F., Lexington.	
1921 Conant, Mrs. Nellie F., Boston.	
1917 Converse, E. W., Newton.	
1913 Cook, Thomas N., Watertown.	
1917 Cooley, Arthur N., Pittsfield.	
1914 Coolidge, Charles A., Boston.	
1902 Coolidge, Harold J., Boston.	

1920 Curtiss, Frederic Haines, Boston.	1910 Downs, William, Chestnut Hill.
1906 Cutler, Mrs. Charles F., Boston.	1917 Dowse, Charles F., Boston.
1919 Cutler, Clarence H., Lexington.	1893 Dowse, William B. H., West Newton.
1922 Cutler, Mrs. N. P., Newton.	1917 Draper, B. H. Bristow, Hopedale.
1903 Cutler, Judge Samuel R., Revere.	1920 Draper, Eben S., Hopedale.
1897 Damon, Frederick W., Arlington.	1897 Dumaresq, Herbert, Chestnut Hill.
1908 Dane, Ernest B., Brookline.	1899 Duncan, James L., New York, N. Y.
1908 Dane, Mrs. Ernest B., Brookline.	1902 Duncan, John W., Spokane, Wash.
1919 Danforth, Joseph A., Danvers.	1896 Dunlap, James H., Nashua, N. H.
1899 Daniels, Dr. Edwin A., Boston.	1915 Dunn, Stephen Troyte, F.L.S., F.R.G.S., Twickenham, Eng.
1909 Danielson, Mrs. J. DeForest, Boston.	1915 Dupee, William Arthur, Milton.
1902 Davis, Mrs. Arthur E., Dover.	1909 Dupuy, Louis, Whitestone, L. I., N. Y.
1913 Davis, Bancroft Chandler, Weston.	1880 Dutcher, Frank J., Hopedale.
1889 Davis, Frederick S., West Roxbury.	1917 Dutcher, Miss Grace M., Hopedale.
1916 Davis, Miss Helen L., Wellesley.	1902 Dyer, Herbert H., Arlington.
1914 Davis, Livingston, Milton.	1912 Eaton, Harris D., Southborough.
1909 Dawson, Henry Sargent, Holliston.	1918 Eccleston, Douglas, Beverly Farms.
1905 Day, Henry B., West Newton.	1911 Edgar, Mrs. Rose H., Waverley.
1917 Day, Mrs. Mary E., Newton.	1912 Edgar, William Percival, Boston.
1921 De Nave, Paul, Beverly Farms.	1895 Eldredge, H. Fisher, Boston.
1873 Denny, Clarence H., Boston.	1921 Ellery, William, Brookline.
1917 Dexter, George T., Boston.	1921 Ellery, Mrs. William, Brookline.
1904 Dexter, Gordon, Beverly Farms.	1887 Elliott, Mrs. John W., Boston.
1904 Dexter, Philip, Boston.	1888 Elliott, William H., Brighton.
1921 Dodd, Dexter T., Hudson.	1907 Emerson, Nathaniel W., M.D., Boston.
1922 Dodge, Mrs. Edwin Sherrill, Westwood.	1922 Emery, Miss Georgia H., Newton.
1896 Donald, William, Cold Spring Harbor, N. Y.	1917 Emmons, Mrs. R. M., 2nd, Boston.
1900 Donaldson, James, Roxbury.	1894 Endicott, William, Boston.
1897 Dorr, George B., Bar Harbor, Me.	1899 Endicott, William C., Danvers.
1907 Doten, Scott T., Acton.	1919 Endicott, Mrs. William C., Danvers.
1917 Doty, George H., Boston.	
1914 Douglass, Alfred, Brookline.	
1917 Downs, Jere Arthur, Winchester.	

1919 Endicott, Mrs. William C., Jr., Danvers.	1914 Forbes, W. Cameron, Westwood.
1919 Engstrom, Richard, Lexington.	1909 Forbes, Mrs. William H., Milton.
1915 Ernst, Mrs. Harold C., Jamaica Plain.	1917 Fosdick, Lucian J., Boston.
1907 Eustis, Miss Elizabeth M., Brookline.	1914 Foster, Alfred D., Milton.
1907 Eustis, Miss Mary St. Barbe, Brookline.	1899 Foster, Charles H. W., Needham.
1915 Fairbanks, Charles F., Milton.	1917 Foster, Miss Fanny, Newport, R. I.
1881 Fairchild, Charles, New York, N. Y.	1885 Fottler, John, Jr., Dorchester.
1877 Falconer, William, Pittsburgh, Pa.	1914 Fraser, Charles E. K., South Natick.
1884 Farlow, Lewis H., Boston.	1910 French, Mrs. Albert M., Reading.
1896 Farnsworth, Mrs. William, Dedham.	1892 French, S. Waldo, Newtonville.
1915 Farquhar, Mrs. John K. M. L., Roxbury.	1893 French, W. Clifford, Brookline.
1884 Farquhar, Robert, North Cambridge.	1917 Frishmuth, Miss Anna Biddle, Boston.
1917 Farr, Mrs. Betty K., Stoneham.	1903 Frost, Harold L., Arlington.
1908 Fay, Wilton B., West Medford.	1900 Frost, Irving B., Belmont.
1914 Fearing, George R., Jr., Boston.	1922 Frost, Paul, Cambridge.
1917 Feno, Mrs. Pauline Shaw, Rowley.	1899 Frothingham, Mrs. Louis A., North Easton.
1917 Fessenden, Sewell H., Boston.	1917 Gage, Mrs. Homer, Worcester.
1883 Fewkes, Arthur H., Newton Highlands.	1920 Gale, Herbert E., Swampscott.
1904 Finlayson, Duncan, Jamaica Plain.	1910 Galloupe, Frederic R., Lexington.
1892 Finlayson, Kenneth, Jamaica Plain.	1914 Gannett, Samuel, Milton.
1901 Fisher, Peter, Ellis.	1914 Gardiner, Robert H., Gardiner, Maine.
1901 Fiske, Harry E., Wollaston.	1901 Gardner, Mrs. Augustus P., Hamilton.
1894 Fitzgerald, Desmond, Brookline.	1895 Gardner, George P., Boston.
1910 Flanagan, Joseph F., Newton.	1899 Gardner, John L., Boston.
1882 Fletcher, George V., Belmont.	1899 Gardner, Mrs. John L., Boston.
1917 Foot, Nathan Chandler, M.D., Milton.	1899 Gardner, William Amory, Groton.
1914 Forbes, Alexander, M.D., Milton.	1904 Garratt, Allan V., Holliston.
1909 Forbes, Charles Stewart, Boston.	1899 Gaston, William A., Boston.
1909 Forbes, Mrs. J. Malcolm, Milton.	1911 Gavin, Frank D., Manchester.
	1910 Geiger, Albert, Jr., Brookline.
	1911 Gill, Miss Adeline Bradbury, Boston.
	1911 Gill, Miss Eliza M., Boston.

1887 Gill, George B., Boston.
 1919 Gilmore, George L., Lexington.
 1907 Goddard, Samuel J., Framingham.
 1922 Godfrey, Mrs. Hollis, Duxbury.
 1921 Goodale, Geoffrey D., Boston.
 1904 Goodale, Dr. Joseph L., Boston.
 1917 Gordon, Donald, Lincoln.
 1899 Gray, Mrs. John C., Boston.
 1914 Greene, Edwin Farnham, Boston.
 1905 Greenough, Mrs. Charles P., Brookline.
 1912 Greenough, Mrs. David S., Jamaica Plain.
 1914 Grew, Edward W., Boston.
 1919 Griffin, Arthur E., Marion.
 1897 Hale, James O., Byfield.
 1910 Hale, Mrs. Swinburne, New York, N. Y.
 1873 Hall, Edwin A., Cambridgeport.
 1912 Hall, Mrs. George G., Boston.
 1899 Hall, Jackson E., Cambridge.
 1910 Halloran, Edward J., Newton Highlands.
 1917 Hammond, Mrs. E. C., Auburndale.
 1914 Harding, Charles L., Dedham.
 1918 Harding, Mrs. Edward, Plainfield, N. J.
 1889 Hargraves, William J., Jamaica Plain.
 1887 Harris, Thaddeus William, A. M., Littleton, N. H.
 1910 Harris, Prof. William Fenwick, Cambridge.
 1909 Hart, Francis R., Milton.
 1914 Hartt, Arthur W., Brookline.
 1895 Harwood, George Fred, Newton.
 1884 Hastings, Levi W., Brookline.
 1894 Hatfield, T. D., Wellesley.
 1914 Havemeyer, Theodore A., New York, N. Y.
 1891 Hawken, Mrs. Thomas, Rockland, Me.
 1922 Haynes, Edmund B., Boston.
 1899 Hayward, George P., Chestnut Hill.
 1914 Hayward, H. T., Franklin.
 1905 Head, Thomas W., Red Bank, N. J.
 1913 Heeremans, F., Lenox.
 1903 Hellier, Charles E., Boston.
 1888 Hemenway, Augustus, Boston.
 1899 Hemenway, Mrs. Augustus, Boston.
 1914 Hemenway, Augustus, Jr., Boston.
 1884 Henshaw, Joseph P. B., Boston.
 1899 Henshaw, Samuel, Cambridge.
 1901 Heurlin, Julius, South Braintree.
 1922 Heurlin, Victor J., South Braintree.
 1891 Heustis, Warren H., Belmont.
 1894 Hewett, Miss Mary Crane, Cambridge.
 1900 Higginson, Francis L., Boston.
 1902 Higginson, Mrs. Henry L., Boston.
 1886 Hittinger, Jacob, Belmont.
 1895 Hoitt, Hon. Charles W., Scituate.
 1918 Holbrook, Miss Grace Ware, Boston.
 1914 Hollingsworth, Valentine, Boston.
 1899 Hollingsworth, Z. T., Boston.
 1891 Holmes, Edward J., Boston.
 1900 Holt, William W., Norway, Maine.
 1899 Hood, Lady Ellen, Sheen, Surrey, Eng.
 1922 Hopkinton, Mrs. Charles, Manchester.
 1914 Hornblower, Henry, Boston.
 1922 Horsford, Miss Cornelia C. F., Cambridge.
 1888 Horsford, Miss Kate, Cambridge.
 1902 Hosmer, Oscar, Baldwinsville.

1907 Houghton, Clement S., Chestnut Hill.

1910 Houghton, Miss Elizabeth G., Boston.

1872 Hovey, Charles H., South Pasadena, Cal.

1884 Hovey, Stillman S., Woburn.

1917 Howard, Everett C., Belchertown.

1904 Howard, Henry M., West Newton.

1896 Howard, Joseph W., Somerville.

1915 Howes, Mrs. Ernest, Boston.

1917 Howes, Osborne, Chestnut Hill.

1896 Hubbard, Charles Wells, Weston.

1917 Hubbard, Eliot, Boston.

1893 Hubbard, F. Tracy, Brookline.

1913 Huebner, H., Groton.

1917 Hunnewell, Mrs. Arthur, Wellesley.

1912 Hunnewell, F. W., Wellesley.

1893 Hunnewell, Henry Sargent, Wellesley.

1912 Hunnewell, Mrs. Henry S., Wellesley.

1922 Hunnewell, Miss Louisa, Boston.

1912 Hunnewell, Walter, Wellesley.

1917 Hunt, Miss Belle, Boston.

1919 Hunt, William, Lexington.

1880 Hunt, William H., Concord.

1919 I'Anson, George, Beverly Farms.

1893 Jack, John George, East Walpole.

1886 Jackson, Charles L., Boston.

1914 Jackson, Mrs. James, Jr., Westwood.

1884 Jackson, Robert T., Peterborough, N. H.

1916 Jahn, Paul H., East Bridgewater.

1916 Jahn, William O., East Bridgewater.

1902 James, Ellerton, Milton.

1902 James, Mrs. Ellerton, Milton.

1913 Jeffries, John, 5th, Philadelphia, Pa.

1899 Jeffries, William A., Boston.

1865 Jenks, Charles W., Bedford.

1905 Johnson, Arthur S., Boston.

1921 Johnson, C. B., Woburn.

1914 Johnson, Edward C., Boston.

1885 Johnson, J. Frank, Malden.

1922 Jones, Miss Eleanor P., Haverhill.

1897 Jones, Dr. Mary E., Boston.

1922 Judd, William H., Jamaica Plain.

1920 Keith, Simeon C., Brookline.

1897 Kellen, William V., Marion.

1898 Kelsey, Harlan P., Salem.

1891 Kendall, Dr. Walter G., Attalantic.

1898 Kennard, Frederic H., Newton Centre.

1909 Kennedy, Harris, M.D., Milton.

1905 Keyes, Mrs. Emma Mayer, Boston.

1891 Keyes, John M., Concord.

1889 Kidder, Charles A., Southborough.

1910 Kidder, Mrs. Henry P., Boston.

1880 Kidder, Nathaniel T., Milton.

1899 Kimball, David P., Boston.

1903 Kimball, Richard D., Waban.

1899 Kinney, H. R., Worcester.

1906 Kinnicutt, Mrs. Leonard P., Worcester.

1904 Kirkland, Archie Howard, Reading.

1899 Lamb, Horatio A., Milton.

1889 Lancaster, Mrs. E. M., Roxbury.

1913 Lancaster, Dr. Walter B., Newton Centre.

1899 Lanier, Charles, Lenox.

1917 Lapham, Henry G., Brookline.

1920 Lauriat, Charles E., Jr., West Newton.

1895 Lawrence, Amos A., New York, N. Y.

1873 Lawrence, John, Groton.
 1899 Lawrence, Rt. Rev. William, Boston.
 1914 Lee, George C., Westwood.
 1880 Leeson, Hon. Joseph R., Newton Center.
 1920 Leigh, Mrs. George Taylor, North Cohasset.
 1902 Leighton, George B., Monadnock, N. H.
 1914 Leland, Lester, Boston.
 1914 Leland, Mrs. Lester, Boston.
 1903 Libby, Charles W., Medford.
 1917 Liggett, Louis K., Chestnut Hill.
 1922 Linder, John Farlow, Canton.
 1899 Locke, Isaac H., Belmont.
 1891 Lodge, Richard W., Redlands, Cal.
 1897 Loomis, Elihu G., Bedford.
 1899 Loring, Augustus P., Prides Crossing.
 1919 Loring, Augustus P., Jr., Prides Crossing.
 1919 Loring, Mrs. A. P., Prides Crossing.
 1914 Loring, Miss Katharine P., Prides Crossing.
 1914 Loring, Miss Louisa P., Prides Crossing.
 1896 Loring, William Caleb, Prides Crossing.
 1899 Loring, Mrs. William Caleb, Prides Crossing.
 1921 Loveless, Alfred J., Lenox.
 1899 Lowell, Abbott Lawrence, Cambridge.
 1902 Lowell, Miss Amy, Brookline.
 1903 Lowell, James A., Chestnut Hill.
 1904 Lowell, Miss Lucy, Boston.
 1899 Luke, Otis H., Brookline.
 1895 Lunt, William W., Hingham.
 1918 Lyman, Arthur, Boston.
 1914 Lyman, C. Frederic, Boston.
 1895 Lyman, George H., Wareham.
 1898 Mabbett, George, Plymouth.
 1919 McGregor, Frank J., Newburyport.
 1912 McKay, Alexander, Jamaica Plain.
 1922 McKee, Mrs. William L., Boston.
 1911 McKenzie, Donald, Chestnut Hill.
 1892 Mallett, E. B., Jr., Freeport, Me.
 1920 Manda, Joseph, West Orange, N. J.
 1884 Manda, W. A., South Orange, N. J.
 1890 Manning, A. Chandler, Wilmington.
 1887 Manning, J. Woodward, Reading.
 1884 Manning, Warren H., North Billerica.
 1909 Marlborough, James, Topsfield.
 1876 Marshall, Frederick F., Everett.
 1898 Marston, Howard, Brookline.
 1917 Martin, Edwin S., Chestnut Hill.
 1899 Mason, Miss Ellen F., Boston.
 1919 Mason, Miss Fanny P., Boston.
 1896 Mason, Col. Frederick, Taunton.
 1922 Mason, Henry Lowell, Boston.
 1914 Mathews, Miss Elizabeth Ashby, Newton Center.
 1901 Matthews, Nathan, Boston.
 1906 Maxwell, George H., Newton.
 1917 Mead, Francis V., West Somerville.
 1917 Meader, H. E., Dover, N. H.
 1902 Melvin, George, South Framingham.
 1905 Meredith, J. Morris, Topsfield.
 1919 Merriam, Edward P., Lexington.
 1881 Merriam, Herbert, Weston.
 1917 Methven, James, Readville.
 1884 Metivier, James, Waltham.
 1922 Mezit, Peter J., Weston.
 1914 Miller, Peter M., Mattapan.
 1888 Milmore, Mrs. Joseph, Washington, D. C.

1917 Mink, Oliver W., Boston.
 1915 Minot, Mrs. Charles S., Readville.
 1892 Monteith, David, Hyde Park, Vt.
 1896 Montgomery, Alexander, Natick.
 1902 Montgomery, Alexander, Jr., Hadley.
 1896 Moore, George D., Arlington.
 1881 Moore, John H., Concord.
 1897 Morgan, George H., New York, N. Y.
 1914 Morgan, Mrs. J. P., Jr., New York, N. Y.
 1913 Morison, Robert S., Cambridge.
 1899 Morse, John T., Boston.
 1909 Morse, John Torrey, 3d., Boston.
 1910 Morse, Lewis Kennedy, Boxford.
 1913 Morse, Robert C., Milton.
 1914 Morss, Charles A., Chestnut Hill.
 1914 Morss, Mrs. Charles A., Chestnut Hill.
 1902 Morton, James H., Huntington, N. Y.
 1896 Moseley, Charles H., Roxbury.
 1896 Moseley, Frederick Strong, Newburyport.
 1921 Motley, Mrs. Thomas, Jr., Boston.
 1914 Munroe, Howard M., Lexington.
 1900 Murray, Peter, Fairhaven.
 1897 Mutch, John, Waban.
 1921 Nason, Thomas W., Boston.
 1917 Neal, James A., Brookline.
 1899 Nevins, Mrs. David, Methuen.
 1914 Newbold, Frederic R., New York, N. Y.
 1874 Newman, John R., Winchester.
 1874 Newton, Rev. William W., Pittsfield.
 1919 Nichols, Mrs. W. L., Brookline.
 1895 Nicholson, William, Framingham.

1914 Nicholson, William R., Framingham.
 1906 Nickerson, William E., Cambridge.
 1914 Norman, Mrs. Louisa P., Newport, R. I.
 1881 Norton, Charles W., Allston.
 1921 Norton, Miss Christine A., Medfield.
 1920 Norton, Harry A., Ayer's Cliff, Quebec, Canada.
 1921 O'Brien, John J., Boston.
 1912 O'Conner, John, Brookline.
 1898 Olmsted, Frederick Law, Brookline.
 1898 Orpet, Edward O., Santa Barbara, Cal.
 1919 Osgood, Miss Alice J., Wellesley Hills.
 1921 Osgood, Dana, Hopedale.
 1917 Osgood, Miss Fanny C., Hopedale.
 1909 Page, George, Prides Crossing.
 1909 Page, George William, South Lincoln.
 1900 Page, Mrs. Henrietta, Boston.
 1884 Paige, Clifton H., Mattapan.
 1914 Paine, Robert Treat, 2d, Boston.
 1908 Parker, Augustine H., Dover.
 1913 Parker, Edgar, North Easton.
 1911 Parker, Edward, North Easton.
 1915 Parker, Miss Eleanor S., Bedford.
 1921 Parker, Mrs. Harriet Talbot, Lowell.
 1917 Parkhurst, Lewis, Winchester.
 1891 Parkman, Henry, Boston.
 1922 Parsons, Miss Mary, Lenox.
 1914 Patten, Miss Jane B., South Natick.
 1909 Peabody, Francis, Milton.
 1909 Peabody, Mrs. Francis, Milton.
 1899 Peabody, George A., Danvers.
 1907 Peirce, E. Allan, Waltham.
 1916 Peirce, Edward R., Wellesley Farms.

1915 Penn, Henry, Brookline.
 1917 Peterson, George H., Fair
 Lawn, N. J.
 1899 Pfaff, Col. Charles, South
 Framingham.
 1900 Phillips, John C., North Beverly.
 1899 Phillips, Mrs. John C., North
 Beverly.
 1899 Phillips, William, North Beverly.
 1895 Pickman, Dudley L., Boston.
 1902 Pickman, Mrs. Dudley L., Bos-
 ton.
 1881 Pierce, Dean, Brookline.
 1898 Pierce, Mrs. F. A., Brookline.
 1905 Pierson, Frank R., Tarrytown,
 N. Y.
 1914 Pingree, David, Salem.
 1919 Pocock, Frederick, Beverly
 Farms.
 1900 Pond, Preston, Winchester.
 1892 Porter, James C., Wollaston.
 1884 Pratt, Laban, Dorchester.
 1914 Pratt, Waldo E., Wellesley Hills.
 1898 Pray, James Sturgis, Cambridge.
 1914 Preston, Andrew W., Swamp-
 scott.
 1903 Preston, Howard Willis, Provi-
 dence, R. I.
 1911 Priest, Lyman F., Gleasondale.
 1901 Proctor, Thomas E., Boston
 1883 Purdie, George A., Wellesley
 Hills.
 1899 Putnam, George, Manchester.
 1900 Putnam, George J., Brookline.
 1886 Quinby, Hosea M., M.D., Wor-
 cester.
 1889 Rand, Harry S., North Cam-
 bridge.
 1908 Rand, Miss Margaret A., Cam-
 bridge.
 1903 Rawson, Herbert W., Arlington.
 1882 Ray, James F., Franklin.
 1890 Raymond, Walter, Pasadena,
 Cal.
 1897 Rea, Frederic J., Norwood.
 1891 Read, Charles A., Manchester.
 1902 Reardon, Edmund, Cambridge.
 1892 Reardon, John B., Boston.
 1905 Remick, Frank W., West New-
 ton.
 1889 Rice, George C., Worcester.
 1893 Rich, Miss Ruth G., Livermore
 Falls, Me.
 1888 Rich, William E. C., Ocean
 Park, Me.
 1887 Rieh, William P., Chelsea.
 1876 Richards, John J., Brookline.
 1899 Richardson, Mrs. F. L. W.,
 Charles River Village.
 1912 Richardson, H. H., Brookline.
 1918 Richardson, William K., Na-
 hant.
 1900 Richardson, Dr. William L.
 Boston.
 1905 Riggs, William Allan, Auburn-
 dale.
 1917 Riley, Charles E., Newton.
 1886 Ripley, Charles, Dorchester
 1903 Robb, Russell, Concord.
 1909 Roberts, Miss Anna B., Bos-
 ton.
 1909 Robinson, Alfred E., Lexington.
 1871 Robinson, John, Salem.
 1893 Robinson, Walter A., Arlington
 1911 Rogers, Dexter M., Allston.
 1914 Rogers, Dudley P., Danvers.
 1921 Rogers, Miss Madelaine G.,
 Brookline.
 1900 Roland, Thomas, Nahant.
 1922 Rose, Mrs. Edward, Chestnut
 Hill.
 1910 Ross, Harold S., Hingham.
 1892 Ross, Henry Wilson, Newton-
 ville.
 1895 Rothwell, James E., Brook-
 line.
 1899 Roy, David Frank, Marion
 1875 Russell, George, Woburn
 1900 Russell, James S., Milton
 1921 Russell, John L., Dedham.

1914 Russell, Mrs. Robert S., Boston.	1899 Sleeper, Henry Davis, Boston.
1919 Ryder, Charles W., Newtonville.	1903 Smiley, Daniel, Lake Mohonk, N. Y.
1893 Salisbury, William C. G., Brookline.	1888 Smith, Charles S., Lincoln.
1915 Saltonstall, Mrs. Caroline S., Milton.	1919 Smith, Earnest E., Boston.
1912 Saltonstall, John L., Boston.	1911 Smith, John L., Swampscott.
1912 Saltonstall, Mrs. John L., Boston.	1874 Snow, Eugene A., Allston.
1897 Sander, Charles J., Brookline.	1899 Sohier, Col. William D., Beverly.
1898 Sanger, Mrs. George P., Boston.	1918 Spalding, Miss Dora N., Boston.
1922 Sargent, Miss Alice, Brookline.	1908 Spaulding, John T., Prides Crossing.
1870 Sargent, Charles S., Brookline.	1908 Spaulding, William S., Prides Crossing.
1902 Sargent, Charles Sprague, Jr., Cedarhurst, N. Y.	1897 Sprague, Isaac, Wellesley Hills.
1899 Sargent, Mrs. Francis W., Wellesley.	1922 Sprague, Phineas W., Boston.
1922 Sargent, Miss Georgiana, Lenox.	1884 Stearns, Charles H., Brookline.
1875 Saunders, Miss Mary T., Salem.	1893 Stearns, Frank W., Newton.
1921 Schling, Max, New York, N. Y.	1896 Stedman, Henry R., M. D., Brookline.
1895 Sears, Miss Clara E., Boston.	1914 Stevens, Mrs. Nathaniel, North Andover.
1899 Sears, Dr. Henry F., Boston.	1919 Stewart, George F., Waltham.
1914 Sears, Horace S., Weston.	1918 Stimpson, Harry F., Chestnut Hill.
1899 Sears, Mrs. J. Montgomery, Boston.	1901 Stone, Charles A., Newton.
1923 Sedgwick, Mrs. Ellery, Boston.	1889 Stone, Charles W., Boston.
1898 Sharp, Miss Helen, Boston.	1910 Stone, Mrs. Francis H., South Dartmouth.
1886 Sharples, Stephen P., Cambridge.	1914 Stone, Galen L., Brookline.
1914 Shattuck, Dr. Frederick C., Boston.	1896 Stone, Prof. George E., Amherst.
1914 Shattuck, Mrs. Frederick C., Boston.	1914 Stone, J. Winthrop, Watertown.
1899 Shaw, Francis, Brookline.	1914 Stone, Nathaniel H., Milton.
1914 Shaw, Henry S., Milton.	1917 Storey, Moorfield, Boston.
1899 Shaw, Mrs. Robert G., Wellesley.	1905 Storrow, James J., Boston.
1901 Shea, James B., Jamaica Plain.	1918 Stranger, David C., West Newbury.
1920 Shurtleff, Arthur A., Boston.	1905 Stratton, Charles E., Boston.
1901 Shurtleff, Josiah B., Revere.	1906 Strout, Charles S., Biddeford, Me.
1893 Siebrecht, H. A., New Rochelle, N. Y.	1914 Sturgis, Miss Evelyn R., Manchester.
1917 Silber, Miss Charlotte G., Needham.	1902 Sturgis, Richard Clipston, Boston.
	1916 Sturtevant, Miss Grace, Wellesley Farms.

1921 Sturtevant, Robert Swan, Wellesley Farms.	1922 Tudor, Mrs. Henry D., Cambridge.
1910 Sullivan, Martin, Jamaica Plain.	1917 Tufts, Bowen, Medford.
1912 Swan, Charles H., Jamaica Plain.	1910 Turner, Chester Bidwell, Stoughton.
1891 Sweet, Everell F., Malden.	1914 Tyler, Charles H., Boston.
1916 Swett, Raymond W., Newton.	1919 Tyndall, David, Brockton.
1904 Sylvester, Edmund Q., Hanover.	1901 Underwood, Loring, Belmont.
1900 Taylor, Mrs. Thomas, Jr., Columbia, S. C.	1921 Van Baarda, P. J., North Cambridge.
1913 Tedcastle, Mrs. Arthur W., Hyde Park.	1919 Vander Voet, Christian, Jamaica Plain.
1917 Thacher, Miss Elizabeth B., Roxbury.	1873 Vander-Woerd, Charles, Roxbury.
1921 Thairlwall, William C., Boston.	1881 Vaughan, J. C., Chicago, Ill.
1912 Thatcher, Arthur E., Hull's Cove, Me.	1899 Vaughan, William Warren, Boston.
1898 Thatcher, William, Brookline.	1884 Vinal, Miss Mary L., Somerville.
1900 Thayer, Mrs. Bayard, South Lancaster.	1916 Wagstaff, Archibald, Wellesley Hills.
1903 Thayer, Henry J., Boston.	1876 Walcott, Henry P., M. D., Cambridge.
1899 Thayer, John E., South Lancaster.	1895 Waldo, C. Sidney, Jamaica Plain.
1899 Thayer, Mrs. John E., South Lancaster.	1901 Waltham, George C., Worcester.
1899 Thayer, Mrs. Nathaniel, South Lancaster.	1907 Walton, Arthur G., Wakefield.
1899 Thiemann, Hermann, Owosso, Mich.	1902 Warburton, Chatterton, Fall River.
1899 Thomas, W. B., Manchester.	1912 Wardwell, Mrs. T. Otis, Haverhill.
1921 Thompson, Eben F., Worcester.	1894 Ware, Miss Mary L., Boston.
1910 Thurlow, George C., West Newbury.	1909 Warren, Bentley W., Boston.
1913 Thurlow, Winthrop H., West Newbury.	1884 Watson, Thomas A., East Braintree.
1874 Tolman, Miss Harriet S., Boston.	1914 Watters, W. F., Boston.
1896 Toppan, Roland W., Newburyport.	1905 Webster, Edwin S., Chestnut Hill.
1899 Tower, Miss Ellen May, Lexington.	1914 Webster, Mrs. Edwin S., Chestnut Hill.
1914 Towle, L. D., Newton.	1905 Webster, Frank G., Boston.
1893 Trepess, Samuel J., Glencove, L. I., N. Y.	1907 Webster, George H., Haverhill.
	1896 Webster, Hollis, Cambridge.

1905 Webster, Laurence J., Chestnut Hill.	1905 Williams, Mrs. J. Bertram, Cambridge.
1909 Weeks, Andrew Gray, Marion.	1905 Williams, Mrs. Moses, Brookline.
1902 Welch, Edward J., Dorchester.	1911 Williams, Ralph B., Dover.
1914 Weld, Mrs. Charles G., Brookline.	1915 Wilson, E. H., Jamaica Plain.
1917 Weld, Rudolph, Boston.	1914 Wilson, Fred A., Nahant.
1914 Weld, Mrs. Stephen M., Wareham.	1919 Wilson, James A., Lexington.
1912 Wellington, Mrs. Arthur W., Boston.	1881 Wilson, William Power, Boston.
1917 Wellington, William H., Boston.	1921 Winkler, Edward, Wakefield.
1882 West, Mrs. Maria L., Neponset.	1917 Winslow, Arthur, Boston.
1919 Wheeler, Everett P., Rockland.	1905 Winsor, Robert, Weston.
1889 Wheeler, James, Natick.	1920 Winter, Miss Hattie B., Mansfield.
1897 Wheeler, Wilfrid, Concord.	1906 Winter, Herman L., Portland, Me.
1919 Whitecomb, Myron L., Haverhill.	1914 Winthrop, Grenville L., Lenox.
1901 White, Mrs. Charles T., Boston.	1914 Winthrop, Mrs. Robert, New York, N. Y.
1909 White, Harry K., Milton.	1914 Winthrop, Mrs. Robert C., Jr., Boston.
1917 Whitehouse, Mrs. Francis M., Manchester.	1920 Wister, John C., Philadelphia, Pa.
1905 Whitman, William, Brookline.	1921 Wollrath, Henry J., Waltham.
1894 Whitney, Arthur E., Winchester.	1905 Woodberry, Miss E. Gertrude, Winter Hill.
1894 Whitney, Ellerton P., Milton.	1905 Woodbury, John, Canton.
1917 Whittemore, Charles, Cambridge.	1906 Woodward, Mrs. Samuel Bayard, Worcester.
1915 Wigglesworth, Frank, Milton.	1920 Worthley, L. H., Cambridge.
1899 Wigglesworth, George, Milton.	1917 Wright, George S., Watertown.
1889 Wilde, Mrs. Albion D., Canton.	1921 Wyman, Richard M., Framingham.
1881 Wilder, Edward Baker, Dorchester.	1919 Wyman, Walton G., North Abington.
1897 Wilkie, Edward A., Newtonville.	1900 Wyman, Windsor H., North Abington.
1899 Williams, Miss Adelia Coffin, Roxbury.	1921 Young, Mrs. Charlotte W., Auburndale.
1905 Williams, George Percy, Boston.	
1899 Williams, John Davis, Boston.	

ANNUAL MEMBERS.

1921 Abbott, Mrs. Gordon, Boston.
 1913 Adams, Charles F., Jamaica Plain.
 1919 Alexander, J. K., East Bridgewater.
 1921 Arnott, Peter, Chestnut Hill.
 1912 Babcock, Miss Mabel Keyes, Boston.
 1911 Bacon, Augustus, Roxbury.
 1915 Baker, Mrs. G. B., Chestnut Hill.
 1918 Barnes, Rowland H., Newton Highlands.
 1916 Barron, Leonard, Garden City, N. Y.
 1917 Beal, Thomas P., Jr., Boston.
 1917 Bögholt, Christian M., Newport, R. I.
 1922 Bowditch, Miss Elizabeth S., Milton.
 1921 Boyle, Charles F., Boston.
 1901 Bradley, Miss Abby A., Hingham.
 1913 Bradley, Miss Julia H., Roxbury.
 1921 Breed, George A., Stockbridge.
 1922 Brewer, Robert D., Hingham.
 1909 Brigham, Mrs. Clifford, Milton.
 1916 Brown, Mrs. G. Winthrop, Chestnut Hill.
 1921 Burke, Patrick W., Brookline.
 1922 Burnhome, Mrs. M. S., Boston.
 1921 Caddick, Edgar, Wellesley Hills.
 1914 Campbell, Ernest W., Wollaston.
 1910 Camus, Emil, Boston.
 1917 Carlquist, Sigurd W., Lenox.
 1904 Chandler, Alfred D., Brookline.
 1920 Cheney, Mrs. Frederick E., Concord.
 1917 Child, H. Walter, Boston.
 1918 Clarke, Hermann F., Brookline.
 1918 Cogger, Thomas, Melrose.
 1921 Cole, Harry, Readville.
 1914 Colt, James D., Chestnut Hill.
 1907 Colt, Mrs. James D., Chestnut Hill.
 1919 Conant, Miss Margaret W., West Medford.
 1917 Conant, Mrs. William C., Boston.
 1917 Coolidge, Mrs. W. H., Boston.
 1915 Copson, William A., Roslindale.
 1914 Crocker, Mrs. George Glover, Boston.
 1914 Crocker, Joseph Ballard, Chat- ham.
 1914 Crompton, Miss Mary A., Worcester.
 1917 Curtis, Allen, Boston.
 1914 Cushing, Mrs. Harvey, Brook- line.
 1910 Dahl, Frederick William, Rox- bury.
 1917 Dalton, Philip S., Milton.
 1921 Darling, Edgar W., New Bed- ford.
 1921 Dickinson, Edward F., Billerica.
 1911 Dolansky, Frank J., Lynn.
 1921 Donahue, Thomas F., Newton Lower Falls.
 1918 Donald, James, Hingham.
 1921 Drew, Fred, M. D., Boston.
 1921 Duly, Richard J., Newton.
 1919 Emery, Frederick L., Lexington.
 1916 Estabrooks, Dr. John W., Wol- laston.
 1902 Farlow, Mrs. William G., Cam- bridge.

1919 Farrington, Edward L., Weymouth Heights.	1913 Houghton, Mrs. Clement S., Chestnut Hill.
1921 Fish, A. J., New Bedford.	1917 Howard, W. D., Milford.
1922 Fish, George L., South Billerica.	1900 Howden, Thomas, Hudson.
1917 Fiske, David L., Grafton.	1917 Howe, Henry S., Brookline.
1922 Fletcher, Miss Effie J., Boston.	1902 Hubbard, Allen, Newton Centre.
1917 Flood, Mrs. Mary, Woburn.	1921 Hughes, Thomas H., New Bedford.
1903 Freeman, Miss Harriet E., Boston.	1922 Jackson, Mrs. James, Boston.
1919 French, C. H., West Roxbury.	1921 Jenkins, Allen J., Shrewsbury.
1912 Gage, L. Merton, Groton.	1913 Jenkins, Edwin, Lenox.
1922 Gersdorff, Mrs. Carl A. de., Stockbridge.	1916 Jenks, Albert R., West Acton.
1919 Golby, Walter H., Jamaica Plain.	1921 Johnson, John, Pittsfield.
1917 Gordon, George, Beverly.	1923 Johnston, John Robert, Jamaica Plain.
1921 Gorney, Elijah S., Boston.	1903 Johnston, Robert, Lexington.
1917 Graton, Louis, Whitman.	1912 Kirkegaard, John, Bedford.
1900 Grey, Robert Melrose, Belmont, Cuba.	1921 Kunan, Ernst, Arlington.
1919 Hall, Joseph B., Cambridge.	1914 Leach, C. Arthur, South Hamilton.
1908 Hamilton, Mrs. George Langford, Magnolia.	1914 Leary, Dr. Timothy, Jamaica Plain.
1912 Hardy, John H., Jr., Littleton.	1904 Leuthy, A., Roslindale.
1917 Hathaway, Walter D., New Bedford.	1902 Lewis, E. L., Taunton.
1918 Hayes, Herbert W., Waban.	1901 Loring, Mrs. Thacher, Boston.
1910 Hayward, Mrs. W. E., Ipswich.	1903 Lumsden, David, Washington, D. C.
1922 Heredia, Mrs. Carlos M. de, Lenox.	1912 McCarthy, Nicholas F., South Boston.
1916 Hibbard, Miss Ann, West Roxbury.	1922 Mackie, Mrs. David Ives, Great Barrington.
1914 Higginson, Mrs. Alexander H., Manchester.	1904 MacMulkin, Edward, Boston.
1920 Higginson, Mrs. Frederic, Brookline.	1923 Manning, Mrs. Charles B., Manchester, N. H.
1923 High, Walter E., Manchester, N. H.	1922 Mercer, Mrs. William R., Doylestown, Pa.
1902 Hildreth, Miss Ella F., Westford.	1919 Millett, Charles H., Malden.
1902 Hill, Arthur Dehon, Boston.	1917 Mixter, Dr. Samuel J., Boston.
1921 Hill, John Edward, Providence, R. I.	1914 Morse, Frank E., Auburndale.
1912 Hollingsworth, Mrs. Sumner, Boston.	1920 Naber, Henry L. F., West Roxbury.
1913 Holmes, Eber, Halifax.	1916 Nehrling, Prof. Arno H., Ithaca, N. Y.
	1903 Nixon, J. Arthur, Taunton.

1915 Parker, A. S., Stoneham.	1921 Spencer, S. E., Woburn.
1909 Parker, W. Prentiss, Nantucket.	1914 Sprague, George H., Hamilton.
1921 Parks, Mrs. Frances R., Newton Centre.	1922 Steele, Fletcher, Boston.
1923 Payson, Miss Grace M., Magnolia.	1917 Stephen, A. L., Waban.
1908 Peabody, Mrs. W. Rodman, Hyde Park.	1914 Stevenson, Robert H., Readville.
1914 Pembroke, A. A., Beverly.	1921 Stewart, Henry, Waltham.
1921 Pinault, Z. R., Fairhaven.	1922 Stewart, John W., Martinsburg, W. Va.
1922 Plimpton, Mrs. Harold, Hingham.	1914 Sturgis, Miss Lucy Codman, Boston.
1921 Pope, Mrs. Henrietta Marquis, Boston.	1904 Symmes, Samuel S., Winchester.
1902 Pritchard, John, Bedford Hills, N. Y.	1921 Thayer, Clark Leonard, Amherst.
1912 Proctor, Dr. Francis I., Wellesley.	1914 Thayer, John E., Jr., Lancaster.
1912 Reed, H. B., Auburndale.	1919 Thommen, Gustave, Somerville.
1914 Rees, Ralph W., Ithaca, N. Y.	1919 Tillinghast, Joseph J., Hyde Park.
1900 Robb, Peter B., Whitinsville.	1909 Tracy, B. Hammond, Wenham.
1921 Rogers, Alfred E. T., Prides Crossing.	1913 Tuckerman, Bayard, Ipswich.
1921 Rogers, Andrew K., Readville.	1922 Turner, Miss Mabel E., Malden.
1915 Rosenthal, Wolf, Boston.	1922 Tyson, Mrs. Russell, Chicago, Ill.
1922 Russell, Mrs. Charles F., Boston.	1911 Ufford, Charles A., Dorchester.
1910 Rust, William C., Brookline.	1922 Ware, Mrs. Whitman, Boston.
1918 Rutherford, William D. F., Norfolk.	1922 Warner, Dr. Charles T., Boston.
1918 Ryder, Robert L., Lexington.	1914 Waterer, Anthony, 3d, Philadelphia, Pa.
1907 Sanborn, Edward W., Boston.	1914 Waterer, Hosea, Philadelphia, Pa.
1920 Saunders, Maurice M., Boston.	1915 Wetterlow, Eric H., Manchester.
1910 Sears, Prof. F. C., Amherst.	1909 Wheeler, George F., Concord.
1907 Seaver, Robert, Jamaica Plain.	1919 Wheeler, Harry A., Lexington.
1922 Shaw, Mrs. Brackley, Chestnut Hill.	1917 White, Mrs. Joseph H., Brookline.
1921 Shaw, Mrs. Quiney A., Boston.	1922 Whitney, Byam, Boston.
1907 Sim, William, Cliftondale.	1920 Whitney, Leon F., New York, N. Y.
1920 Simmons, Miss Annie E. E., Northampton.	1913 Williams, Mrs. Emile F., Cambridge.
1914 Smith, George N., Wellesley Hills.	1919 Williams, Henry M., Haverhill.
1922 Smith, Mrs. Henry P., Boston.	1922 Willis, Mrs. C. W., Bedford.
1914 Spaulding, Mrs. Samuel S., Springfield Center, N. Y.	1921 Wollrath, Albert J., Waltham.

ALBERT C. BURRAGE, President

WILLIAM P. RICH, Secretary

JOHN S. AMES, Treasurer

Telephone Number, Back Bay 1714

SCHEDULE

OF PRIZES AND EXHIBITIONS OF THE

Massachusetts Horticultural Society

FOR THE YEAR 1922

The Exhibitions of the Society will be held at Horticultural Hall,
No. 300 Massachusetts Ave., Boston

*ATTENTION IS PARTICULARLY CALLED TO THE RULES
AND REGULATIONS, GENERAL AND SPECIAL,
ON PAGES 4 TO 10*



BOSTON

1922

THE BOARD OF GOVERNMENT

OF THE

Massachusetts Horticultural Society

FOR THE YEAR 1922

PRESIDENT

ALBERT C. BURRAGE

VICE-PRESIDENTS

THOMAS ALLEN

CHARLES S. SARGENT

TRUSTEES

JOHN S. AMES

HENRY H. RICHARDSON

FRANCIS H. APPLETON

THOMAS ROLAND

MISS MARIAN R. CASE

RICHARD M. SALTONSTALL

MRS. S. V. R. CROSBY

MRS. BAYARD THAYER

ERNEST B. DANE

GEORGE C. THURLOW

WILLIAM C. ENDICOTT

HENRY P. WALCOTT

NATHANIEL T. KIDDER

EDWIN S. WEBSTER

ARTHUR LYMAN

ERNEST H. WILSON

JAMES METHVEN

FRED A. WILSON

COMMITTEES FOR 1922

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JOHN S. AMES RICHARD M. SALTONSTALL

Executive Committee

ALBERT C. BURRAGE, *Chairman*
THOMAS ALLEN CHARLES S. SARGENT THOMAS ROLAND
RICHARD M. SALTONSTALL

Membership Committee

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MISS MARIAN R. CASE GEORGE C. THURLOW

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THOMAS ROLAND, *Chairman*
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Committee on Lectures and Publications

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Committee on Gardens

WILLIAM C. ENDICOTT, *Chairman*
MRS. FRANCIS B. CROWNINSHIELD MRS. BAYARD THAYER

Committee on George R. White Medal of Honor

CHARLES S. SARGENT, *Chairman*
MRS. S. V. R. CROSBY WILLIAM C. ENDICOTT

Committee on Children's Gardens

JAMES METHVEN, *Chairman*
MISS ELEANOR W. ALLEN MISS LOUISA HUNNEWELL

Committee on Plants and Flowers

T. D. HATFIELD, *Chairman*
WILLIAM ANDERSON WILLIAM H. JUDD
GEORGE F. STEWART

Committee on Fruits

EDWARD B. WILDER, *Chairman*
W. A. MUNSON WILFRID WHEELER

Committee on Vegetables

WILLIAM N. CRAIG, *Chairman*
EDWARD PARKER WILLIAM C. RUST

General Rules and Regulations.

1. Intending exhibitors must make entries to the Secretary of the Society at least three days prior to the opening of an exhibition. The management reserves the right to reject or admit any exhibit for which entry has not been received.
2. All exhibits and renewals must be ready for examination by the Committees at twelve o'clock on the morning of the exhibition or they may be disqualified.
3. During the preparations for all prize exhibitions a doorkeeper shall be stationed at the door of the Hall who shall on no account leave his position and shall see that no person, except members of Committees and Exhibitors or their assistants, is admitted to the Hall upon any pretext whatever.
4. **IN ORDER TO AFFORD THE COMMITTEES AN OPPORTUNITY TO EXAMINE AND REPORT ON THE ARTICLES EXHIBITED NO OTHER PERSON CAN BE ADMITTED OR REMAIN IN THE HALL BETWEEN 12 O'CLOCK AND THE HOUR OF OPENING.**
5. **At the close of every exhibition a doorkeeper shall be stationed at the door of the Hall who shall on no account leave his position and shall on no pretext whatever admit any person to the Hall except members of Committees and Exhibitors or those bearing written orders from them for the delivery of articles exhibited; and all other persons who may be in the Hall at the close of the exhibition shall leave immediately.**
6. In the case of exhibitions continuing through the evening, no general removal of articles shall take place until the next day, at such time as the Committee on Exhibitions shall appoint; and a duly authorized officer shall be present at such time and shall attend to the delivery of articles exhibited. Highly perishable exhibits may, however, be removed at night at the close of an exhibition, by permission of the Committee on Exhibitions or its authorized officer in charge.
7. The Superintendent of the Building shall employ all assistance necessary strictly to enforce the above rules, including police.
8. **Exhibitors disposing of any of their exhibits must notify the Officer in charge of such disposal, and he shall not deliver such articles without a written order from the owner thereof.**
9. All Plants, Flowers, Fruits, and Vegetables offered for prizes or other awards **MUST HAVE THEIR NAMES ANNEXED**, and must have been grown by the competitors. Specimens offered for exhibition only, by others than the growers, must in all cases have the names of the growers affixed.
10. No prize shall be awarded for any plant or other article unless such plant or the plant producing such other article shall have been the property of the exhibitor for three months next preceding the award, except such

variety be exhibited for the first time in this country, or where special exemption is made from this rule in the Schedule.

11. All exhibits shall be marked by a *card* on which shall appear the *name* and *address* of the exhibitor and enclosed in an envelope on which shall appear only the *number* of Prize as listed in the Schedule.

12. One of the Halls or the Lecture Room will be open for the exhibition of new or choice specimens of Plants, Flowers, Fruits, or Vegetables every Saturday during the year. These exhibitions will be open from 12 M. to 2 P.M., unless otherwise stated in the Schedule.

13. Where a certain number or quantity of Plants, Flowers, Fruits, or Vegetables is designated in the Schedule, there must be neither more nor less than that number or quantity of specimens shown; and in no case can any other varieties than those named in the Schedule be in the stand.

14. One person may exhibit two or more specimens or collections in any one class, excepting where otherwise stated in the regular Schedule, but no variety can be duplicated in the exhibition of specimens, and not more than two prizes may be awarded to one exhibitor in any one class. Other things being equal, in collections, preference will be given usually to those composed of the most widely distinct varieties.

15. No specimens of either Fruits or Vegetables which have been once offered for competition can be offered a second time.

16. After the articles are arranged they will be under the exclusive charge of the Committees, and *not even the owner* will have the liberty to *remove* or *touch* them until the exhibition is closed, when they will be delivered as the contributors may direct.

17. No Plants, Flowers, Fruits, or Vegetables will be entitled to a prize or other award unless they possess points of superiority, and no award will be made to unworthy objects, though they may be the only ones of their kind on exhibition. The Committees may withhold or reduce any prizes.

18. Competitors will be required to furnish information as to their modes of cultivation, and to present specimens for trial and examination, if necessary.

19. Commercial exhibitors desiring to give away circulars or catalogues must apply for permission to the Committee on Prizes and Exhibitions or to its officer in charge, and the matter and manner of distribution will always be subject to its approval and control. Display cards of commercial exhibitors must be of white cardboard printed with black ink and not exceeding six inches in width and four inches in depth. Such cards may give the name, business, and address of the exhibitor but no other advertising matter.

20. In awarding Premiums for Fruits and Vegetables, adaptation to general cultivation will be deemed an indispensable requisite, but special awards may be given for *superior* specimens of any good varieties even

though they may not flourish in all situations, and it shall be the duty of the Committee making an award for such specimens to state on the card of award that they are not desirable for general cultivation.

21. When specimens are presented for a *name*, the exhibitor shall communicate all the information he possesses as to the *origin* and the *local* appellation.

22. It will be the duty of the Committees to *exclude from exhibition all inferior specimens*; also all such *Floral Designs*, as in their opinion evince an incorrect taste.

23. The Committee on Exhibitions has power to change the time of exhibition for any article, if an earlier or later season renders such change necessary, by giving seasonable notice thereof to the Society.

24. All awards are payable on or before the 31st of December next after they are made. Those not applied for within one year from the time when payable shall revert to the Society for its own use and benefit.

25. No member of any of the Committees for awarding premiums or other awards shall, in any case, vote or decide respecting an award for which such member may be a competitor or in which he may have an interest; in this event such member shall temporarily vacate his place upon the Committee and the chairman shall have power to fill such vacancy at his discretion.

26. By Section XVI of the By-Laws Prizes and Gratuities may be awarded by the Board of Trustees, or by such Committees or Judges as may be appointed by it for such purpose, to any person for the exhibition of any Fruits, Plants, Flowers, or Vegetables, either new of their kind or of uncommon excellence; or for any new and successful method of cultivating any variety of Fruits, Flowers, Plants, Trees, Shrubs, or Vegetables; or for any other object immediately connected with horticulture; or for the essential advancement of the objects of the Society in any other way. But no Gratitude shall be awarded for any object which shall have been entered or exhibited for a Prize and no Gratitude given shall be of a larger amount than the lowest Prize established for the same exhibit.

27. No premiums except those authorized by the Trustees shall be awarded at any exhibition.

28. The decision of the several exhibition committees in awarding prizes shall be final.

29. Attention is called to the Special Rules of the Plant and Flower, Fruit, Vegetable, and Garden Committees, and all articles not offered in conformity to the Rules will be disqualified.

30. While the Society will take reasonable precautions for the safety of the property of exhibitors it will be responsible in no case for any loss or damage that may occur.

31. It is understood that all persons placing any article in any exhibition thereby signify their assent to all the Rules and Regulations, General and Special.

Special Rules of the Plant and Flower Committee.

1. All named varieties of Plants or Flowers exhibited for premiums or other awards must have the name *legibly* and correctly written on stiff card, wood, or some other permanent substance; and each separate plant or flower must have its name attached.
2. Plants in Pots, to be entitled to Prizes, must evince skilful culture in the profusion of bloom or decorative foliage, and in the beauty, symmetry, and vigor of the specimens.
3. No awards will be made on other than regular Prize days, except for objects of special merit.

Special Rules of the Fruit Committee.

1. All Fruits offered for premiums must be correctly named. Indefinite appellations, such as "Pippin," "Sweeting," "Greening," etc., will not be considered as names.
2. All Fruits offered for premiums must be composed of exactly the number of specimens or quantity named in the Schedule and must be shown in the Society's plates. A "plate" of Apples, Pears, Peaches, Plums, Nectarines, Quinces, Figs, Apricots, etc., is understood to contain twelve specimens, and this number will be required of all Fruits when not otherwise specified.
3. No person can compete for more than one Prize with the same variety or varieties of Fruit; except that a single plate of the same variety, but not the same specimens of fruit, may be used by an exhibitor for both Special and Regular Prizes.
4. Fruit specimens shall not be eligible for more than one prize. When once awarded a prize the same specimens cannot be put again in competition.
5. The Fruit Committee, in making its awards, will consider the flavor, beauty, and size of the specimens, comparing each of these properties with a fair standard of the variety. The adaptation of the variety to general cultivation will also be taken into account. Other things being equal, specimens most nearly in perfection as regards ripeness will have the preference. Score cards may be used at the discretion of the Committee.

Special Rules of the Vegetable Committee.

1. The specimens offered must be well grown and placed on the tables clean and correctly labeled.
2. All exhibits of Vegetables offered for premium must be composed of exactly the number of specimens or quantity named in the Schedule.

3. At all exhibitions of Fungi distinctively colored cards having the word "Poisonous" plainly printed thereon shall be provided, and all persons exhibiting Fungi not known to be edible shall be required to use these cards in labeling all such exhibits.

4. All collections of vegetables will be judged on merit, giving consideration, first, to quality; second, to arrangement; and third, to variety. Not more than two varieties of one kind of vegetable admissible in collections.

Special Regulations Governing Collections of Vegetables.

In Collections of Vegetables not more than two varieties of any one of the standard vegetables will be admissible.

Parsley, Curled Kale, or other vegetable greenery may be used by the exhibitor to assist in the decoration of the collection. Tasteful arrangement will be duly considered. Mere size of specimens will not necessarily entitle the exhibitor to any award.

The number of specimens must exactly conform to that given to each vegetable in the accompanying scale of points which is to be used by the Judges in making their awards.

In the Collection of Salad Plants arranged for effect exhibitors may use their own option in regard to number of specimens. The following varieties may be included: Beet, Celery, Celeriac, Chicory, Curled Cress, Water Cress, Cucumber, Endive, Finochio or Florence Fennel, Cabbage and Cos Lettuce, White Mustard, Onion, Potato, Radish, and Tomato.

	Number of specimens required.	Maximum points.
Artichoke, Globe	6	90
" Jerusalem	24	40
Asparagus	50	100
Beans, String, Green	50 pods	50
" Golden Wax	50 "	50
" Lima	50 "	50
" Broad Windsor	50 "	50
" Shell, other than Lima or Windsor	50 "	50
Beet,	12	75
Chard, Swiss	6 heads	40
Brussels Sprouts	50	90
Cabbage, Common	4 heads	50
" Savoy	4 "	50
" Red	4 "	50
Cardoon	4	30

	Number of specimens required.	Maximum points
Corn Salad	4 quarts	30
Cauliflower	4 heads	100
Carrots	12	75
Celeriac	6 heads	50
Celery	6 "	100
Cucumber, White Spine, Indoor	6	70
" Outdoor	6	40
" English	3	80
Chicory (blanched)	12	40
Corn, Sweet	12 ears	80
Egg Plant	4	80
Endive	4	60
Horse Radish	12	40
Kohl-Rabi	6	40
Leeks	12	80
Lettuce	6	70
Mushrooms	12	100
Okra	12	40
Onions	12	100
Parsnips	12	75
Peas	50 pods	100
Peppers, Green	12	65
" Red	12	50
Potatoes, Common	12	100
Pumpkins	4	35
Radishes	50	35
Rhubarb	12	35
Salsify	12	60
Shallots	24	30
Spinach, Peck		35
Squash	3	45
" Vegetable Marrow	3	45
Tomatoes	12	80
Turnips, Early varieties	12	60
" Late "	6	60
Arrangement		100

SPECIAL PRIZES.

William B. H. Dowse Trophy.

A silver vase is offered by Mr. Dowse to the exhibitor making the best showing of vegetables during the year, to be judged as follows:—

For single plates, 4 points for First Prize, 2 points for Second Prize, and 1 point for Third Prize. For Collections, for each variety, 2 points for First Prize, 1 point for Second Prize, and $\frac{1}{2}$ point for Third Prize.

The exhibitor winning the greatest number of points during the year will be awarded the Trophy.

Competitive classes only to be included in this award.

The Trophy can be awarded but once to the same exhibitor.

Hillcrest Prizes for Blueberries.

Miss Marian R. Case of Weston, Massachusetts, offers two prizes of \$50 and \$25 for the improvement of the blueberry by cultivation in Massachusetts.

Intending competitors are referred to the Committee on Fruits for further particulars regarding these prizes.

Hillcrest Gardens Silver Cup.

Offered for the best display of Irises at the Exhibition of June 3 and 4. Any variety arranged for effect by an amateur. To be awarded to the exhibitor winning it three times.

The Chestnut Hill Garden Society Prize.

The Chestnut Hill Garden Society offers a Silver Trophy at the Exhibition of June 24 and 25 for the most artistic exhibit of Sweet Peas.

SPECIAL NOTICE.

All plants, flowers, fruits, and vegetables offered for prizes or other awards must have their names plainly annexed or the exhibitor will be liable to disqualification.

SPECIAL FUNDS

OF THE

MASSACHUSETTS HORTICULTURAL SOCIETY.

JANUARY 1, 1922.

The following is a list of the Special Funds of the Massachusetts Horticultural Society the income of which is devoted to the purposes stated. The date prefixed to each indicates the year in which the fund was established.

1845. **SAMUEL APPLETON FUND.** \$1000.00.
To be invested as a permanent fund, the interest accruing therefrom to be appropriated annually in premiums for improvements in the arts to which the Society is devoted, in such manner as it shall direct, for producing trees good for food, and flowers pleasant to the sight. (*Income applied in Schedule*).

1846. **JOHN A. LOWELL FUND.** \$1000.00.
To perfect the culture of flowers and fruits, and to diffuse through our State knowledge and taste in useful and ornamental gardening. (*Income applied in Schedule*).

1846. **THEODORE LYMAN FUND, No. 1.** \$1000.00.
The proceeds of the investment appropriated in the shape of prizes for the encouragement of the growth of such kind or kinds of fruit as the government of the Massachusetts Horticultural Society may deem it advisable to select.
(*Income applied in Schedule*).

1850. **THEODORE LYMAN FUND, No. 2.** \$10,000.
The whole net income of this sum to be appropriated for the encouragement of the growth of fruits, or vegetables, or plants, or of all three, by the distribution of prizes, or premiums, or in the publication of useful or valuable works on the general subject of horticulture; or if it shall not be thought advisable so to employ the whole of the net income of the fund, then to appropriate a part of it in some uniform and specific way for the promotion of horticulture.
(*Income applied in Schedule*).

1847 and 1848. JOSIAH BRADLEE FUND. \$1000.00.

Income to be awarded in premiums for fruits and flowers.
(*Income applied in Schedule*).

1861. BENJAMIN V. FRENCH FUND, No. 1. \$500.00.

The income to be forever appropriated in prizes for the improvement of the apple. (*Income applied in Schedule*).

1863. H. H. HUNNEWELL FUND, No. 1. \$500.00.

Income to be applied in premiums and gratuities for the introduction and cultivation of new evergreen trees and shrubs, and particularly new varieties of hardy rhododendrons. (*Income applied in Schedule*).

1864. H. H. HUNNEWELL FUND, No. 2. \$2000.00.

The income to be allowed to accumulate for periods of two, three, or more years, and distributed from time to time, after sufficient notice, under such regulations as may be deemed expedient, by a committee appointed for that purpose, in one or more prizes to the owners of estates of not less than three acres in extent who shall lay out and plant them with the most rare and desirable ornamental trees and shrubs, in the most tasteful and effective manner, developing the capabilities of the locations in the highest degree, and presenting the most successful examples of science, skill, and taste, as applied to the embellishment of a country residence; the trees to be under the most thorough cultivation, the grounds in high keeping, and the prizes to apply equally in cases where proprietors take professional advice, as well as when acting on their own judgment in their improvements.

1873. H. H. HUNNEWELL FUND, No. 3. \$1500.00.

The income of this fund to be distributed in prizes for the encouragement of the cultivation of rhododendrons and hardy azaleas.

(*Income applied in Schedule*).

1864. WILLIAM J. WALKER FUND. \$2354.43.

Income to be awarded for promoting the objects of the Society, and for encouraging the introduction and cultivation of superior vegetables.

(*Income applied in Schedule*).

1870. LEVI WHITCOMB FUND. \$500.00.

Income to be awarded in prizes for potatoes of superior quality.

Preference to be given to new varieties showing an improvement over old varieties.

(Income applied in Schedule).

1885. BENJAMIN B. DAVIS FUND. \$500.00.

Income to be expended as prizes for hardy grapes of superior quality, preference to be given to any new varieties showing improvement over old varieties.

(Income applied in Schedule).

1887. MARSHALL P. WILDER FUND. \$1000.00.

One half of the income to be offered annually in prizes for grapes of American origin; the other half in prizes for the pear.

(Income applied in Schedule).

1889. JOHN LEWIS RUSSELL FUND. \$1000.00.

The interest to be paid annually to some competent person, who shall deliver a lecture on the latest discoveries of the connection of the Fungi with horticulture.

(Income applied in lecture).

1898. HENRY A. GANE MEMORIAL FUND. \$1000.00.

Income to be offered in prizes for chrysanthemums, preference to be given to varieties originated by the late Henry A. Gane.

(Income applied in Schedule).

1900. JOHN S. FARLOW FUND. \$2500.00.

Income to be used only for the purchase of books for the library.

1901. JOHN D. WILLIAMS FRENCH FUND. \$12004.68.

Income to be used for the purchase of books.

1902. BENJAMIN H. PIERCE FUND. \$800.00.

Income to be used for the introduction of new fruits.

1905. JOHN C. CHAFFIN FUND. \$1000.00.

Income to be given annually as a special prize for Hardy Perpetual Roses of unusual merit, according to the impartial judgment and discretion of the prize committee; but if in any year the exhibit shall not be, in the opinion of the committee, of sufficient merit to deserve the prize, the income for that year, or a portion of it, may be added to the prizes of subsequent years.

(Income applied in Schedule).

1907. **BENJAMIN V. FRENCH FUND, No. 2. \$3000.00.**
Bequeathed to the Society under the will of Charles E. French. The income to be expended in prizes for the best specimens of such fruit or vegetables as may be selected by the Trustees.
(*Income applied in Schedule*).

1907. **JOHN ALLEN FRENCH FUND. \$5000.00.**
Bequeathed to the Society under the will of Charles E. French. The income to be distributed in prizes for such specimens of flora as the Trustees may select.
(*Income applied in Schedule*).

1909. **GEORGE ROBERT WHITE MEDAL OF HONOR FUND. \$7500.00.**
The income to be devoted annually for the specific purpose of providing a substantial gold medal to be awarded by the executive management of the Society to the man or woman, commercial firm or institution, in the United States or of some other country that has done the most in recent years to advance the interest in horticulture in its broadest sense. This award to be known as the George Robert White Medal of Honor.

1910. **JOHN S. FARLOW NEWTON HORTICULTURAL SOCIETY FUND. \$2900.42.**
Received from Lewis H. Farlow.
The income to be expended in prizes and gratuities for pear and foreign grape culture.
(*Income applied in Schedule*).

1916. **MISS HELEN COLLAMORE FUND. \$5000.00.**
The income to be used from year to year as the Trustees may determine.

1920. **ALBERT CAMERON BURRAGE FUND. \$1200.00.**
For the purpose of promoting the cranberry industry in Massachusetts. Income to be used from time to time for the purchase of gold medals to be awarded by the Society to those residents of Massachusetts, whether private individuals or public officials, who, in the judgment of the Trustees of this Society, or of committees appointed by them, have during a stated time, either by exhibition of cranberries, or cultivation of the cranberry vine, or scientific research, or technical writing, done the most for this industry.

Exhibitions of the Year.

GRAND EXHIBITION OF SPRING FLOWERING BULBS.

Thursday to Sunday, March 23 to 26.

Thursday, 12 M. to 10 P.M.

Friday and Saturday, 10 A.M. to 10 P.M.

Sunday, 1 to 10 P.M.

☒ Intending exhibitors should file a notice with the Secretary of the Society at least three days prior to the opening of any exhibition giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

☒ All exhibits must be ready for examination by the Committees at twelve o'clock or they may be disqualified.

☒ Exhibitors will please read the General and Special Exhibition Rules on pages 4 to 10.

☒ On Saturday and Sunday afternoons at three o'clock a lecture will be given in the lower hall on the culture of spring-flowering bulbs.

PLANTS.

Society's Prizes.

No. 1.	BULB GARDENS.—Spring Bulb Garden to cover 300 square feet. Pansies, Daisies or other hardy Spring-flowering plants or hardy shrubs or evergreens may be used. Open to amateur growers only.	
	First prize, Gold Medal and	\$200
	Second prize	200
No. 2.	Spring Bulb Garden to cover 500 square feet. Pansies, Daisies or other hardy Spring-flowering plants or hardy shrubs or evergreens may be used. Open to commercial growers only.	
	First prize, Gold Medal and	300
	Second prize	300

Notice to Exhibitors: It is the intention of the Committee on Prizes and Exhibitions to give competitors reasonable latitude in the depth of pans used. They may use their discretion as to the use of pots or pans but the diameter must comply with the schedule size.

No. 3.	HYACINTHS.—Six 12-inch pans Hyacinths in 6 distinct varieties. One variety in each pan			
		First prize	\$100	
		Second prize	50	
No. 4.	Three 12-inch pans Hyacinths in 3 distinct varieties. One variety in each pan. For amateurs only.			
		First prize	50	
		Second prize	25	
No. 5.	Twelve-inch pan Hyacinth Morena, or other blush pink, two prizes		\$10	5
No. 6.	Twelve-inch pan Hyacinth La Grandesse, or other white, two prizes		10	5
No. 7.	Twelve-inch pan Hyacinth King of the Blues, or other dark blue, two prizes		10	5
No. 8.	Twelve-inch pan Hyacinth Czar Peter, or other light blue, two prizes		10	5
No. 9.	Twelve-inch pan Hyacinth City of Haarlem, or other yellow, two prizes		10	5
No. 10.	Twelve-inch pan Hyacinths of any other variety of superior merit, two prizes		10	5
No. 11.	TULIPS.—Collection of Single Early Tulips, twelve ten-inch pans. One distinct variety in each pan, two prizes		50	25
No. 12.	Collection of Single Early Tulips, six ten-inch pans. One distinct variety in each pan, two prizes		25	15
No. 13.	Ten-inch pan S. E. Tulip Joost van Vondel, white, two prizes		5	3
No. 14.	Ten-inch pan S. E. Tulip Le Reve, soft rose, two prizes		5	3
No. 15.	Ten-inch pan S. E. Tulip Mon Tresor, yellow, two prizes		5	3
No. 16.	Ten-inch pan S. E. Tulip Prince of Austria, orange-red, two prizes		5	3
No. 17.	Ten-inch pan S. E. Tulip Pink Beauty, rose pink, two prizes		5	3
No. 18.	Ten-inch pan S. E. Tulip Flamingo, rosy-red, two prizes		5	3
No. 19.	Ten-inch pan S. E. Tulip Proserpine, carmine-rose, two prizes		5	3
No. 20.	Ten-inch pan S. E. Tulip Sir Thomas Lipton, deep cardinal, two prizes		5	3
No. 21.	Ten-inch pan S. E. Tulip Keizerkroon, scarlet, bordered yellow, two prizes		5	3
No. 22.	Ten-inch pan Double Tulip Blue Flag, violet blue, two prizes		5	3

No. 23.	Ten-inch pan Double Tulip Schoonoord, pure white, two prizes	\$5	\$3
No. 24.	Ten-inch pan Double Tulip Crown of Gold, golden yellow, two prizes	5	3
No. 25.	Ten-inch pan Double Tulip Crown of Roses, 'rosy-crimson, two prizes	5	3
No. 26.	Ten-inch pan Double Tulip Imperator Rubrum, two prizes	5	3
No. 27.	Ten-inch pan Parrot Tulip Lutea Major, yellow, two prizes	5	3
No. 28.	Ten-inch pan Parrot Tulip Admiral of Constantinople, red, two prizes	5	3
No. 29.	Ten-inch pan Parrot Tulip Cape Brum, coffee color and yellow, two prizes	5	3
No. 30.	Collection of Darwin or Breeder Tulips, twelve varieties in 10-inch pans, one distinct variety in each pan, two prizes	100	50
No. 31.	Collection of Darwin or Breeder Tulips, six varieties in 10-inch pans, one distinct variety in each pan. Open to amateur growers only , two prizes	50	25
No. 32.	Ten-inch pan Darwin or Breeder Tulip Clara Butt, two prizes	5	3
No. 33.	Ten-inch pan Darwin or Breeder Tulip Madame Krelage, two prizes	5	3
No. 34.	Ten-inch pan Darwin or Breeder Tulip Nauticus, two prizes	5	3
No. 35.	Ten-inch pan Darwin or Breeder Tulip Gretchen, two prizes	5	3
No. 36.	Ten-inch pan Darwin or Breeder Tulip Suzon, two prizes	5	3
No. 37.	Ten-inch pan Darwin or Breeder Tulip Erguste, two prizes	5	3
No. 38.	Ten-inch pan Darwin or Breeder Tulip Rev. H. Ewbank, two prizes	5	3
No. 39.	Ten-inch pan Darwin or Breeder Tulip Dom Pedro, two prizes	5	3
No. 40.	Ten-inch pan Darwin or Breeder Tulip Feu Ardent, two prizes	5	3
No. 41.	Ten-inch pan Darwin or Breeder Tulip King Harold, two prizes	5	3
No. 42.	Ten-inch pan Darwin or Breeder Tulip Farncombe Sanders, two prizes	5	3
No. 43.	Ten-inch pan Darwin or Breeder Tulip King George V, two prizes	5	3

No. 44.	Ten-inch pan Darwin or Breeder Tulip Pride of Haarlem, two prizes	\$5	\$3
No. 45.	Ten-inch pan Darwin or Breeder Tulip La Tulipe Noir, two prizes	5	3
No. 46.	Ten-inch pan Darwin or Breeder Tulip Ingles- combe Yellow, two prizes	5	3
No. 47.	Ten-inch pan Darwin or Breeder Tulip Yellow Perfection, two prizes	5	3
No. 48.	Ten-inch pan Late Tulip Bouton d'Or, two prizes	5	3
No. 49.	Ten-inch pan Late Tulip Gesnarian Major, two prizes	5	3
No. 50.	Ten-inch pan Late Tulip Golden Spire, two prizes	5	3
No. 51.	Ten-inch pan Late Tulip Retroflexa, two prizes	5	3
No. 52.	Ten-inch pan Late Tulip Shandon Bells, two prizes	5	3
No. 53.	Ten-inch pan Late Tulip White Swan, two prizes	5	3
No. 54.	Ten-inch pan of any other variety of superior merit, two prizes	5	3
No. 55.	NARCISSI.—Collection of Single Nareissi, 12- distinct varieties, one ten-inch pan of each, two prizes	50	25
No. 56.	Collection of Single Narcissi, 6-distinct varie- ties, one ten-inch pan of each, two prizes .	25	15
No. 57.	Ten-inch pan Narcissus Duke of Bedford, two prizes	5	3
No. 58.	Ten-inch pan Narcissus Emperor, two prizes	5	3
No. 59.	Ten-inch pan Narcissus Empress, two prizes	5	3
No. 60.	Ten-inch pan Narcissus Glory of Leiden, two prizes	5	3
No. 61.	Ten-inch pan Narcissus King Alfred, two prizes	5	3
No. 62.	Ten-inch pan Narcissus Madame de Graaf, two prizes	5	3
No. 63.	Ten-inch pan Narcissus Olympia, two prizes	5	3
No. 64.	Ten-inch pan Narcissus Robert Sydenham, two prizes	5	3
No. 65.	Ten-inch pan Narcissus Vanilla, two prizes	5	3
No. 66.	Ten-inch pan Narcissus Van Waveren's Giant, two prizes	5	3
No. 67.	Ten-inch pan Narcissus Weardale Perfection, two prizes	5	3
No. 68.	Ten-inch pan Narcissus Lucifer, two prizes .	5	3
No. 69.	Ten-inch pan Narcissus Sir Watkin, two prizes	5	3

No. 70.	Ten-inch pan Narcissus Firebrand, two prizes	\$5	\$3
No. 71.	Ten-inch pan Narcissus Duchess of Westmin- ster, two prizes	5	3
No. 72.	Ten-inch pan Narcissus White Lady, two prizes	5	3
No. 73.	Ten-inch pan Narcissus Poeticus Glory of Lisse, two prizes	5	3
No. 74.	Ten-inch pan Double Narcissus Von Sion, two prizes	5	3
No. 75.	Ten-inch pan Double Narcissus Incompara- bilis plenus, two prizes	5	3
No. 76.	Ten-inch pan Double Narcissus Orange Phoenix, two prizes	5	3
No. 77.	Ten-inch pan Double Narcissus Sulphur Phoenix, two prizes	5	3
No. 78.	Ten-inch pan Narcissus Jonquilla Rugulosus two prizes	5	3
No. 79.	Ten-inch pan Narcissus Poetaz Bouquet Enorme, two prizes	5	3
No. 80.	Ten-inch pan Narcissus Poetaz Mignon, two prizes	5	3
No. 81.	Ten-inch pan Narcissus Poetaz Klondyke, two prizes	5	3
No. 82.	Ten-inch pan any other variety of single Nar- cissus of superior merit, two prizes	5	3
No. 83.	RETAIL FLORISTS are invited to make displays of cut flowers arranged in baskets, hampers, vases or other receptacles to show the various artistic arrangements in which flowers may be used in home decorations.		

Suitable recognition will be made for such exhibits.

SPECIAL NOTICE.

~~All~~ All plants, flowers, fruits, and vegetables offered for prizes or other awards must have their names plainly annexed or the exhibitor will be liable to disqualification.

RHODODENDRON, AZALEA, AND IRIS EXHIBITION.**JUNE 3 AND 4.***Saturday, 12 M. to 9 P.M.**Sunday, 1 to 9 P.M.*

☞ Intending exhibitors should file a notice with the Secretary of the Society, at least three days prior to the opening of any exhibition, giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

☞ All exhibits must be ready for examination by the Committees at twelve o'clock or they may be disqualified.

☞ Exhibitors will please read General and Special Exhibition Rules, pages 4 to 10.

☞ On Saturday and Sunday afternoons at three o'clock a lecture will be given in the lower hall on the culture of the principal plants exhibited.

H. H. Hunnewell Fund, No. 3.

No. 84.	RHODODENDRONS.—Decorative display in variety, including azaleas, covering 72 sq. ft., three prizes	\$65	\$35	\$20
No. 85.	Twelve varieties, rhododendrons, one truss of each, two prizes	6	4	
No. 86.	Six varieties, rhododendrons, one truss of each, two prizes	3	2	
No. 87.	AZALEAS.—General display in variety, including such as Ghent and Mollis hybrids, arborescens, viscosa, rosea, nudiflora, and other kinds, covering 24 sq. ft., three prizes	25	15	10
No. 88.	Twelve varieties, six trusses of each, two prizes	6	4	
No. 89.	Six varieties, one truss of each, two prizes	3	2	

John Allen French Fund.

No. 90.	IRISES.—Twenty-four vases, not less than twelve varieties, three spikes in a vase, two prizes	6	4
No. 91.	Twelve vases, not less than six varieties, three spikes in a vase, two prizes	4	2
No. 92.	Collection of irises, any or all classes admissible, two prizes	12	6

Prizes offered by the American Iris Society.

No. 93. To the exhibitor making the most comprehensive display of irises in any and all classes Bronze Medal

No. 94. For all seedling irises rated at over 80% point value by A. I. S. scorecard A. I. S. Certificate of Honorable Mention

No. 95. For best display of irises, arranged for effect by an amateur, to be awarded to the exhibitor winning it three times, Hillcrest Gardens Silver Cup

Prizes offered by Mrs. S. V. R. Crosby

No. 96. FUCHSIAS.—Twelve plants, two prizes	\$10	\$5
No. 97. ORCHIDS.—Display covering not less than forty sq. ft., two prizes	25	12
No. 98. ICELAND POPPIES.—Two prizes	5	3
No. 99. HARDY SUCCULENT PLANTS.—Collection, two prizes	8	6
No. 100. HARDY HERBACEOUS FLOWERS.—Twenty vases not less than ten genera, two prizes	10	6
No. 101. FLOWERING SHRUBS.—Collection, at least twelve kinds, two prizes	6	4

VEGETABLES.**William J. Walker Fund.**

No. 102. ASPARAGUS.—Twenty-four stalks, not bunched, three prizes	\$3	\$2	\$1
No. 103. BEETS.—Twelve, three prizes	3	2	1
No. 104. CARROTS.—Twelve, " "	3	2	1
No. 105. CAULIFLOWER.—Three heads, " "	4	2	1
No. 106. CUCUMBERS.—Four, " "	3	2	1
No. 107. LETTUCE.—Four heads, " "	3	2	1
No. 108. RHUBARB.—Twelve stalks, " "	3	2	1
No. 109. SPINACH.—Four quarts, " "	3	2	1
No. 110. TOMATOES.—Twelve, " "	3	2	1
No. 111. COLLECTION OF VEGETABLES.—Six varieties, three prizes	10	6	4

PEONY EXHIBITION.

June 17 and 18.

Saturday, 12 M. to 9 P.M.

Sunday, 1 to 9 P.M.

☞ Intending exhibitors should file a notice with the Secretary of the Society, at least three days prior to the opening of any exhibition, giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

☞ All articles exhibited must be ready for examination by the Committees at 12 M.

☞ Exhibitors will please read General and Special Exhibition Rules, pages 4 to 10.

☞ An expert peony grower will give information on peony culture at this exhibition and lecture each afternoon at three o'clock.

FLOWERS.

Prizes offered by Mrs. Edwin Farnham Greene.

No. 112.	HERBACEOUS PEONIES.—Collection of twenty named varieties, double, one flower of each, two prizes	\$12	\$6
No. 113.	Collection of ten named varieties, double, one flower of each, two prizes	6	3

NOTE.—Exhibitors entering both above classes of peonies must have thirty varieties.

No. 114.	Collection of twelve named varieties, single, one bloom of each, two prizes	5	4
No. 115.	Collection of twelve named varieties, Japanese single, two prizes	5	4
No. 116.	Collection of six named double varieties, White, one flower of each, two prizes	4	2
No. 117.	Collection of six named double varieties, Rose Pink, one flower of each, two prizes	4	2
No. 118.	Collection of six named double varieties, Salmon Pink, one flower of each, two prizes	4	2

No. 119.	Collection of six named double varieties, Red or Crimson, one flower of each, two prizes	\$4	\$2
No. 120.	Collection of twelve named varieties, double, one flower of each, two prizes	6	3
No. 121.	Collection of six blooms, Pink, one variety, two prizes. For Amateurs only	4	2
No. 122.	Collection of six blooms, White, one variety, two prizes. For Amateurs only	4	2
No. 123.	Collection of six blooms, Red, one variety, two prizes. For Amateurs only	4	2
No. 124.	For the best six blooms of a new double peony not before exhibited, one prize		Silver Medal
No. 125.	For the most meritorious display of peonies, arranged for effect, one prize		Silver Medal

William B. H. Dowse Trophy.

Begin now to exhibit for the Dowse Trophy to be awarded to the exhibitor making the best showing of vegetables during the year. For further information see page 10.

SPECIAL NOTICE.

Appropriate recognition will be made at every exhibition of exhibits of new or meritorious plants, flowers, fruits, and vegetables, in addition to the classes in the Schedule. Awards ranging from First Class Certificates, Medals, or Certificates of Honorable Mention will be made if in the opinion of the Judges the exhibits are of superior merit.

All plants, flowers, fruits, and vegetables offered for prizes or other awards must have their names plainly annexed or the exhibitor will be liable to disqualification.

ROSE AND STRAWBERRY AND SWEET PEA EXHIBITION.

In conjunction with the Annual Exhibition of the American Sweet Pea Society.

Saturday and Sunday, June 24 and 25.

Saturday, 12 M. to 9 P.M.

Sunday, 1 to 9 P.M.

☞ Intending exhibitors should file a notice with the Secretary of the Society, at least three days prior to the opening of any exhibition, giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

☞ All articles for competition and exhibition must be ready for examination by the Committees at 12 M. on the opening day.

☞ Exhibitors will please read General and Special Exhibition Rules, pages 4 to 10.

☞ On each afternoon at three o'clock a lecture will be given in the lower hall on the culture of the sweet pea.

John C. Chaffin Fund.

No. 126.	ROSES.— Hybrid Perpetual. Best three blooms of any white Hybrid Perpetual Rose, two prizes	6	\$f
No. 127.	Best three blooms of any pink Hybrid Perpetual Rose, two prizes	6	4
No. 128.	Best three blooms of any red Hybrid Perpetual Rose, two prizes	6	4
No. 129.	Basket of Hybrid Perpetual Roses, artistically arranged, two prizes	6	4
No. 130.	Twelve named varieties, three of each, two prizes	15	10
No. 131.	Six named varieties, three of each, two prizes	8	5
No. 132.	Twenty-four named varieties, one of each, two prizes	15	10
No. 133.	Twelve named varieties, one of each, two prizes	10	5
No. 134.	Six named varieties, one of each, two prizes	5	3
No. 135.	Hybrid Tea. Collection of twelve varieties, two prizes	10	5

ROSE AND STRAWBERRY EXHIBITION, 1922

25

No. 136.	Collection of six varieties, two prizes	\$5	\$3
No. 137.	Largest and best collection of Hybrid Perpetual and Hybrid tea roses, not less than twenty-five varieties, two prizes	50	25

Prizes offered by Mrs. Bayard Thayer.

No. 138.	SWEET WILLIAMS.— Display, twelve vases, not less than six varieties, two prizes	4	2
No. 139.	HARDY HERBACEOUS FLOWERS.— Twenty-five vases, distinct species and varieties, two prizes	8	5
No. 140.	PERENNIAL LARKSPURS.— Twelve vases, three spikes each, two prizes	5	3
No. 141.	CAMPANULA MEDIUM.—Collection, twelve vases, one color in a vase, two prizes	5	3
No. 142.	IRISES.— Kaempferi. Collection not less than six varieties, two prizes	10	5
No. 143.	Any other variety, twelve spikes, two prizes	5	3
No. 144.	BASKET OF FLOWERS.— Tastefully arranged, two prizes	8	5
No. 145.	ROSES.— General display, cut sprays of bush and rambler roses, excluding Hybrid Perpetuals and Hybrid Teas, two prizes	15	10
No. 146.	WILD FLOWERS.— Collection, named, one bottle of each kind, four prizes	5	4
No. 147.	SWEET PEAS.— Twenty-five sprays Crimson, two prizes	3	2
No. 148.	Twenty-five sprays Lavender, two prizes	3	2
No. 149.	Twenty-five sprays Pink, two prizes	3	2
No. 150.	Twenty-five sprays Dark Pink, two prizes	3	2
No. 151.	Twenty-five sprays Primrose, two prizes	3	2
No. 152.	Twenty-five sprays Salmon, two prizes	3	2
No. 153.	Twenty-five sprays Scarlet, two prizes	3	2
No. 154.	Twenty-five sprays White, two prizes	3	2
No. 155.	Twenty-five sprays, Picotee-edged, two prizes	3	2
No. 156.	Twenty-five sprays Bicolor, other than Picotee-edged, two prizes	3	2

The Chestnut Hill Garden Society Prize.

No. 157.	For the most artistic exhibit of sweet peas, one prize	Silver Trophy
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FRUITS.

Prizes offered by Mrs. Bayard Thayer.

No. 158.	STRAWBERRIES.— Six plates of 48 berries each, distinct varieties, two prizes	\$15	\$10
No. 159.	Three plates, 48 berries each, distinct varieties, two prizes	8	6
No. 160.	One plate Barrymore, 48 berries, three prizes	\$3	2 1
No. 161.	One plate Golden Gate, 48 berries, three prizes	3	2 1
No. 162.	One plate Marshall, 48 berries, three prizes	3	2 1
No. 163.	One plate Senator Dunlap, 48 berries, three prizes	3	2 1
No. 164.	One plate Sample, 48 berries, three prizes	3	2 1
No. 165.	One plate William Belt, 48 berries, three prizes	3	2 1
No. 166.	One plate any other variety, 48 berries, three prizes	3	2 1
No. 167.	Best new Strawberry of merit Must be exhibited for three years before medal can be awarded.	Silver Medal	
No. 168.	CHERRIES.— Any variety, 48 specimens, three prizes	3	2 1

NOTE.— All exhibits of Strawberries and Cherries must be arranged with their own foliage upon plates of the Society.

VEGETABLES.

Benjamin V. French Fund, No. 2.

No. 169.	BEANS.— Green string, fifty pods, three prizes	3	2	1
No. 170.	BEETS.— Twelve, open culture, three prizes	3	2	1
No. 171.	CABBAGE.— Three, three prizes	3	2	1
No. 172.	CUCUMBERS.— White Spine type, four, three prizes	3	2	1
No. 173.	English type, four, three prizes	3	2	1
No. 174.	LETTUCE.— Cabbage, four heads, three prizes	3	2	1
No. 175.	Cos or Romaine, four heads, three prizes	3	2	1
No. 176.	Collection, four or more varieties, two heads each, three prizes	6	4	2
No. 177.	ONIONS.— Twelve, three varieties, three prizes	3	2	1
No. 178.	PEAS.— Collection of three varieties, fifty pods each, three prizes	6	4	2
No. 179.	One other variety, fifty pods, three prizes	3	2	1
No. 180.	TOMATOES.— Twelve, three prizes	3	2	1
No. 181.	COLLECTION OF VEGETABLES.— Eight varieties, arranged for effect, three prizes	12	6	3

GLADIOLUS EXHIBITION.

With the coöperation of the New England Gladiolus Society.

Saturday and Sunday, August 12 and 13.

Saturday, 12 M. to 9 P.M.

Sunday, 1 to 9 P.M.

~~XX~~ Intending exhibitors should file a notice with the Secretary of the Society, at least three days prior to the opening of any exhibition, giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

~~XX~~ All exhibits must be ready for examination by the Committees at twelve o'clock or they may be disqualified.

~~XX~~ Exhibitors will please read General and Special Exhibition Rules, pages 4 to 10.

~~XX~~ On both afternoons at three o'clock a lecture will be given in the lower hall on the culture of the gladiolus.

Theodore Lyman Fund No. 2.

FLOWERS.

No. 182.	GLADIOLI.—Vase of twenty-five spikes, White, one variety, two prizes	\$10	\$5
No. 183.	Vase of twenty-five spikes, Red, one variety, two prizes	10	5
No. 184.	Vase of twenty-five spikes, Dark Crimson, one variety, two prizes	10	5
No. 185.	Vase of twenty-five spikes, Pink, one variety, two prizes	10	5
No. 186.	Vase of twenty-five spikes, Yellow, one variety, two prizes	10	5
No. 187.	Vase of twenty-five spikes, Lavender or Blue, one variety, two prizes	10	5
No. 188.	Vase of twenty-five spikes, any other color, one variety, two prizes	10	5
No. 189.	Vase of twenty-five spikes, any Lemoinei Hybrid, two prizes	10	5
No. 190.	Vase twenty-five spikes, any Primulinus Hybrid, two prizes	10	5
No. 191.	Best collection of twenty-five named varieties three spikes each, two prizes	12	6

NOTE.—The New England Gladiolus Society offers a Silver Challenge Trophy to the winner of the First Prize in No. 191.

No. 192.	Best collection of not less than fifty named varieties, two prizes	Silver Medal and \$25		
		Bronze Medal and \$10		
No. 193.	PERENNIAL PHLOXES.—Twelve named varieties, one truss of each, two prizes		\$5	\$4
No. 194.	General display in not less than thirty vases, named, two prizes		10	8
No. 195.	ANNUALS.—General display, named, thirty species, filling not less than one hundred bottles, two prizes		15	8

FRUITS.

Benjamin V. French Fund, No. 2.

No. 196.	APPLES.—Astrachan, twelve specimens, two prizes		4	2
No. 197.	Williams, twelve specimens, two prizes		4	2
No. 198.	Sweet Bough, twelve specimens, two prizes		4	2
No. 199.	Yellow Transparent, twelve specimens, two prizes		4	2
No. 200.	Any other variety, twelve specimens, two prizes		4	2
No. 201.	Collection, four varieties, two prizes		8	4
No. 202.	PEARS.—Clapp's Favorite, twelve specimens, two prizes		4	2
No. 203.	Any other variety, twelve specimens, two prizes		4	2
No. 204.	PEACHES.—Twelve specimens, any variety, two prizes		4	2
No. 205.	Collection, three varieties, two prizes		8	4
No. 206.	PLUMS.—Japanese, twelve specimens, two prizes		4	2
No. 207.	Any other type, twelve specimens, two prizes		4	2
No. 208.	BLACKBERRIES.—Forty-eight berries, two prizes		4	2
No. 209.	BLUEBERRIES.—One hundred berries, two prizes		4	2
No. 210.	ANY OTHER EDIBLE BERRY.—Forty-eight berries, two prizes		4	2

VEGETABLES.

Theodore Lyman Fund No. 2.

No. 211.	BEANS.—Green string, fifty pods, three prizes	3	2	1
No. 212.	Shell, fifty pods, three prizes	3	2	1

No. 213.	CUCUMBERS.—White Spine variety, four specimens, three prizes	\$3	\$2	\$1
No. 214.	CAULIFLOWERS.—Four specimens, three prizes	4	3	2
No. 215.	EGG PLANTS.—Four specimens, three prizes	3	2	1
No. 216.	PEPPERS.—Twelve specimens, any variety, three prizes	3	2	1
No. 217.	SQUASH.—Marrow, three specimens, three prizes	3	2	1
No. 218.	SWEET CORN.—Twelve ears, White, three prizes	3	2	1
No. 219.	Twelve ears, Yellow, three prizes	3	2	1
No. 220.	ONIONS.—Twelve specimens, three prizes	3	2	1
No. 221.	TOMATOES.—Twelve specimens, three prizes	3	2	1
No. 222.	COLLECTION OF VEGETABLES.—Twelve varieties, decorative arrangement to be considered, three prizes	12	8	4
No. 223.	COLLECTION OF VEGETABLES.—Six varieties, decorative arrangement to be considered, three prizes	6	4	2

SPECIAL NOTICE.

Appropriate recognition will be made at every exhibition of exhibits of new or meritorious plants, flowers, fruits, and vegetables, in addition to the classes of the Schedule. Awards ranging from First Class Certificates, Medals, or Certificates of Honorable Mention will be made if in the opinion of the Judges the exhibits are of superior merit.

All plants, flowers, fruits, and vegetables offered for prizes or other awards must have their names plainly annexed or the exhibitor will be liable to disqualification.

EXHIBITION OF THE PRODUCTS OF CHILDREN'S GARDENS.

Saturday and Sunday, August 26 and 27.

Saturday, 12 M. to 6 P.M.

Sunday, 1 to 6 P.M.

RULES

1. Competition is open to all school gardens and to all children in Massachusetts under 18 years of age unless otherwise stated.
2. Cards will be furnished by the Society on which should be written the name and address of the exhibitor, and the number of the entry for which he intends to compete.
3. All articles exhibited must be ready for examination by the committee on or before 11 o'clock on the exhibition day. Vases and dishes will be furnished by the Society. The committee will be in attendance at 10 o'clock.
4. All products exhibited must be grown by the children in the school or home gardens.
5. After the exhibition closes all articles exhibited are to be removed by the exhibitors, or will be disposed of by the committee if desired.
6. Prize money is payable as soon after the exhibition as the list can be made out. **It is necessary that the names and addresses of the exhibitors be left with the committee in order that the prizes may be paid promptly.** Prize cards issued at the exhibition are to be taken home by the successful competitors after the exhibition closes.
7. All exhibits entered in competition must contain the exact number of specimens or varieties mentioned in the schedule. In collections of vegetables the same number of specimens of each variety is required as stated in the individual classes.

No more than two varieties of any one kind of vegetable admissible in collections; for example, two varieties of beans, two of cabbage, &c. &c., are admissible.

Decorative arrangement of exhibits will be considered.

Society's Prizes.

No. 224.	For the largest and best collection of vegetables and flowers from a school garden, three prizes	\$20	\$15	\$10
The Challenge Cup will be awarded with the First Prize in No. 224.				

Decorative arrangement and the most widely distinct varieties will be considered in awarding prizes.

No. 225.	For the best collection of fifteen varieties of vegetables from a school garden, five prizes	\$10, 8, 6, 4, 2
No. 226.	For the best collection of ten varieties of vegetables from a school garden, five prizes	8, 6, 4, 2, 1
No. 227.	For the best collection of six varieties of vegetables from a school garden, three prizes	5, 3, 2

NOTE.— Exhibitors entering one of the above four classes are debarred from entering the other three classes.

No. 228.	For the best collection of flowers from a school garden, six prizes 5, 3, 2, and three of 1 each
No. 229.	For the best collection of eight varieties of vegetables from a child's home garden, fourteen prizes 5, 4, 3, 2, and ten of 1 each
No. 230.	For the best collection of four varieties of vegetables from a child's home garden, twelve prizes 3, 2, and ten of 1 each

NOTE.— Exhibitors entering in class of eight varieties of vegetables cannot enter in class of four varieties.

No. 231.	For the best collection of flowers from a child's garden, not less than four varieties, five prizes 3, 2, and three of 1 each
No. 232.	For the best collection of wild flowers, berries, leaves, and grasses, correctly named as far as possible, dried specimens excluded, three prizes 10, 8, 4
No. 233.	For vase of China Aster, five prizes 1.50, 1, and three of 75c each
No. 234.	For vase of Dahlias, five prizes 1.50, 1, and three of 75c each
No. 235.	For vase of Gladioli, five prizes 1.50, 1, and three of 75c each
No. 236.	For vase of any other flower, five prizes 1.50, 1, and three of 75c each

NOTE.— The exhibits of flowers should be correctly named and each variety shown in a separate vase. To preserve their freshness flowers should be cut the night before the exhibition and put in water in a cool place.

No. 237.	For plate of green String Beans, twenty-five pods, ten prizes 1.50, 1, two of 75c, and six of 50c each
No. 238.	For six specimens of Beets, ten prizes 1.50, 1, two of 75c, and six of 50c each

No. 239.	For one specimen of Cabbage, any variety, five prizes	1, 75c, and three of 50c each
No. 240.	For six specimens of Carrots, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 241.	For six ears of Green Sweet Corn, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 242.	For two specimens of Cucumbers, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 243.	For six specimens of Onions, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 244.	For six specimens of Potatoes, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 245.	For one specimen of Summer Squash, five prizes	1, 75c, and three of 50c each
No. 246.	For six specimens of Tomatoes, ten prizes	1.50, 1, two of 75c, and six of 50c each
No. 247.	For the largest Pumpkin, three prizes . . .	2, 1, 50c
No. 248.	For the largest Squash, three prizes . . .	2, 1, 50c
No. 249.	For any other variety of vegetable not men- tioned in this list, eight prizes	Four of 1 each, and four of 50c each
No. 250.	For collection of vegetables put up in glass jars by a school garden or canning club, not to exceed 24 jars, five prizes	5, 4, 3, 2, 1
No. 251.	For collection of 6 jars of vegetables, distinct kinds, put up by an individual child, five prizes	3, 2, and three of 1.00 each

Special Notice.

Through the interest of several members of the Society the committee is enabled to offer a Challenge Cup at this exhibition to be awarded for the best school-garden exhibit of vegetables and flowers. The Cup to be held by the winner for a year and subject to award at the next exhibition.

DAHLIA AND FRUIT EXHIBITION.**Saturday and Sunday, September 9 and 10.***Saturday, 12 M. to 9 P.M.**Sunday, 1 to 9 P.M.*

1. Intending exhibitors should file a notice with the Secretary of the Society, at least three days prior to the opening of any exhibition, giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

2. All articles for competition and exhibition must be ready for examination by the Committees at 12 M. on Saturday.

3. Exhibitors will please read the General and Special Exhibition Rules on pages 4 to 10.

4. On both afternoons at three o'clock a lecture will be given in the lower hall on the culture of the dahlia.

FLOWERS.**John Allen French Fund.**

No. 252.	DAHLIAS.— Show and Fancy, twenty-four blooms, named varieties, two prizes	\$4	\$3
No. 253.	Show and Fancy, twelve blooms, named varieties, two prizes	3	2
No. 254.	Cactus, twenty-four blooms, named varieties two prizes	4	3
No. 255.	Caetus, twelve blooms, named varieties, two prizes	3	2
No. 256.	Decorative, twenty-four blooms, named varieties, two prizes	4	3
No. 257.	Decorative, twelve blooms, named varieties, two prizes	3	2
No. 258.	Peony-flowered, twelve blooms, named varieties, two prizes	3	2
No. 259.	Pompon, twelve vases of three blooms each, named varieties, two prizes	3	2
No. 260.	Single, twelve vases of three blooms each, named varieties, two prizes	3	2
No. 261.	Largest and best collection of named varieties, one vase or bottle of each, all classes admissible, two prizes	10	5

No. 262.	HARDY HERBACEOUS FLOWERS.— Thirty bottles distinct species and varieties, not less than ten genera, grasses admissible. For non-commercial growers only , two prizes	\$10	\$5
No. 263.	Best display, two prizes First Second	Silver Medal Bronze Medal	

NOTE.— Anyone competing in classes of twenty-four Dahlias is debarred from entering classes of twelve.

No. 264.	WILD FLOWERS.— Collection of wild flowers in flower or fruit named, one bottle of each kind, four prizes	5, 4, 3, 2
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FRUITS.

John A. Lowell Fund.

No. 265.	APPLES.— For the best collection of six varieties of Fall apples; specimens are to be ripe, and twelve of each, three prizes	10	6	4
No. 266.	For the best collection of three varieties of Fall apples; ripe, twelve specimens of each, three prizes	5	3	2

NOTE.— Exhibitors can compete in only one collection of apples.

No. 267.	Gravenstein, twelve specimens, three prizes	3	2	1
No. 268.	McIntosh, " "	3	2	1
No. 269.	Oldenburg, " "	3	2	1
No. 270.	Wealthy, " "	3	2	1

Marshall P. Wilder Fund.

No. 271.	PEARS.— Bartlett, twelve specimens, three prizes	3	2	1
No. 272.	Any other variety, three prizes	3	2	1

Josiah Bradlee Fund.

No. 273.	PEACHES.— Belle of Georgia, twelve specimens, two prizes	4	2
No. 274.	Carman, twelve specimens, two prizes	4	2
No. 275.	Champion, " "	4	2
No. 276.	Crawford, " "	4	2
No. 277.	Ellberta, " "	4	2

No. 278.	Any other variety, twelve specimens, two prizes	\$4	\$2
No. 279.	PLUMS.—Japanese, twelve specimens, two prizes	4	2
No. 280.	Any other type, twelve specimens, two prizes	4	2
No. 281.	Collection, four varieties, twelve specimens of each, two prizes	8	4

HOOTHOUSE FRUITS.

John S. Farlow Newton Horticultural Society Fund.

No. 282.	FOREIGN GRAPES.—Best display grown under glass in this country by the exhibitor, two prizes	30	15
No. 283.	Two bunches, black, two prizes	8	4
No. 284.	Two bunches, white, two prizes	8	4

Samuel Appleton Fund.

No. 285.	NECTARINES.—Six specimens, two prizes	6	4
No. 286.	PEACHES.—Six specimens, two prizes	6	4

Benjamin H. Pierce Fund.

No. 287.	PEACH.—For new seedling peach of merit, one prize		
No. 288.	APPLE.—For new seedling apple of merit, one prize	12	12
No. 289.	PEAR.—For new seedling pear of merit, one prize	12	12
No. 290.	For any other new seedling fruit of merit, one prize	12	12

Benjamin V. French Fund, No. 2.

No. 291.	MELONS.—Green Flesh, three specimens, two prizes	5	3
No. 292.	Salmon Flesh, three specimens, two prizes	5	3
No. 293.	Any other variety, three specimens, two prizes	5	3

Benjamin B. Davis Fund.

No. 294.	NATIVE GRAPES.—Agawam, six bunches, two prizes	4	2
No. 295.	Brighton, six bunches, two prizes	4	2

No. 296.	Concord,	six bunches, two prizes	.	\$4	\$2
No. 297.	Delaware,	" " "	.	4	2
No. 298.	Green Mountain,	" " "	.	4	2
No. 299.	Herbert,	" " "	.	4	2
No. 300.	Lindley,	" " "	.	4	2
No. 301.	Moore's Diamond,	" " "	.	4	2
No. 302.	Niagara,	" " "	.	4	2
No. 303.	Salem,	" " "	.	4	2
No. 304.	Wilder,	" " "	.	4	2
No. 305.	Worden,	" " "	.	4	2
No. 306.	Any other variety,	" " "	.	4	2
No. 307.	Best seedling hardy variety of merit, grown at least two years in the open in New England, one prize				10

VEGETABLES.

Theodore Lyman Fund, No. 2.

No. 308.	BEANS.—	Green string, fifty pods, three prizes	.	\$3	\$2	\$1	
No. 309.	Wax,	" " " "	.	3	2	1	
No. 310.	Horticultural,	" " " "	.	3	2	1	
No. 311.	Lima,	" " " "	.	3	2	1	
No. 312.	CORN.—	Sweet, any White variety, twelve ears, three prizes	.	3	2	1	
No. 313.	Sweet, any Yellow variety, twelve ears, three prizes				3	2	1
No. 314.	ENDIVE.—	Four specimens, three prizes	.	3	2	1	
No. 315.	TOMATOES.—	Any outdoor grown variety, six specimens, three prizes	.	3	2	1	
No. 316.	Collection, four varieties, three prizes				6	4	2
No. 317.	HERBS.—	Culinary, green, fresh, largest and best collection, tastefully arranged, with cards explaining the general use of each variety, two prizes	.	8	4		
No. 318.	COLLECTION OF VEGETABLES.—	Twelve kinds, not more than one variety of a kind, taste- fully arranged, three prizes	.	15	10	5	
No. 319.	Six kinds, not more than one variety of a kind, tastefully arranged, three prizes				8	6	3

NOTE.— Exhibitors can compete in only one collection of vegetables.

AUTUMN EXHIBITION OF PLANTS, FLOWERS, FRUITS, AND VEGETABLES.

Saturday and Sunday, November 4 and 5.

Saturday, 12 M. to 10 P.M.

Sunday, 1 to 10 P.M.

~~☒~~ Intending exhibitors should file a notice with the Secretary of the Society at least three days prior to the opening of any exhibition giving information of the classes in which they intend to compete. Entry blanks for this purpose will be furnished free and will be mailed upon request.

~~☒~~ All exhibits must be ready for examination by the Committees at twelve o'clock or they may be disqualified.

~~☒~~ Exhibitors will please read the General and Special Exhibition Rules on pages 4 to 10.

~~☒~~ On both afternoons at three o'clock a lecture will be given in the lower hall on the principal plants exhibited.

John Allen French Fund.

No. 320.	GROUP OF FLOWERING PLANTS.— Not less than 200 sq. ft., two prizes	50	\$25
No. 321.	BEGONIAS.— Winter Flowering, twelve plants, two prizes	25	12
No. 322.	Six plants, two prizes	10	6
No. 323.	BOUWARDIAS.— Twelve plants, two prizes	10	5
No. 324.	ORCHIDS.— Fifty sq. ft., not less than ten genera, two prizes	40	20
No. 325.	Best specimen orchid, one prize		5
No. 326.	CARNATIONS.— Six vases, fifty blooms each, two prizes	10	5
No. 327.	One vase, one hundred blooms, two prizes	8	4
No. 328.	One vase, fifty blooms, two prizes	5	3
No. 329.	ROSES.— Vase twenty-five blooms, Pink, two prizes	10	5
No. 330.	Vase twenty-five blooms, White, two prizes	10	5
No. 331.	Vase twenty-five blooms, Red, two prizes	10	5
No. 332.	Vase twenty-five blooms, Yellow, two prizes	10	5

Henry A. Gane Memorial Fund.

No. 333.	CHRYSANTHEMUMS.— Group of Chrysanthemum plants, covering not less than 200 sq. ft., two prizes	50	25
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No. 334.	Three specimen plants, two prizes	\$25	\$12
No. 335.	One trained specimen plant, White, two prizes	10	5
No. 336.	One trained specimen plant, Pink, two prizes	10	5
No. 337.	One trained specimen plant, Red, two prizes	10	5
No. 338.	One trained specimen plant, Yellow, two prizes	10	5
No. 339.	Twenty-five blooms, distinct varieties, named, two prizes	15	10
No. 340.	Twelve blooms, Japanese, two prizes	8	4
No. 341.	Twelve sprays, Anemone flowered, two prizes	5	3
No. 342.	Twelve vases, Pompon, distinct varieties, two prizes	5	3
No. 343.	Vase of ten long-stemmed blooms, White, two prizes	8	6
No. 344.	Vase of ten long-stemmed blooms, Yellow, two prizes	8	6
No. 345.	Vase of ten long-stemmed blooms, Pink, two prizes	8	6
No. 346.	Vase of ten long-stemmed blooms, Red, two prizes	8	6

FRUITS.

Theodore Lyman Fund, No. 1.

No. 347.	APPLES.—Baldwin, twelve specimens, three prizes	3	2	1
No. 348.	Bellflower, twelve specimens, three prizes .	3	2	1
No. 349.	Delicious, " " " " .	3	2	1
No. 350.	Fall Pippin, " " " " .	3	2	1
No. 351.	Fameuse, " " " " .	3	2	1
No. 352.	Jonathan, " " " " .	3	2	1
No. 353.	King, " " " " .	3	2	1
No. 354.	Northern Spy, " " " " .	3	2	1
No. 355.	R. I. Greening, " " " " .	3	2	1
No. 356.	Roxbury Russet, " " " " .	3	2	1
No. 357.	Sutton, " " " " .	3	2	1
No. 358.	Tolman Sweet, " " " " .	3	2	1
No. 359.	Winter Banana, " " " " .	3	2	1
No. 360.	Wolf River, " " " " .	3	2	1
No. 361.	Any other variety, twelve specimens, three prizes	3	2	1

Samuel Appleton Fund.

No. 362.	Baldwin, fifty specimens, two prizes .	10	5
No. 363.	McIntosh, " " " " .	10	5
No. 364.	Any other variety, " " " " .	10	5

No. 365.	CRAB APPLES.— Hyslop, twenty-five specimens, two prizes	\$4	\$2
No. 366.	Any other variety, twenty-five specimens, two prizes	4	2

John S. Farlow Newton Horticultural Society Fund.

No. 367.	PEARS.— Angouleme, twelve specimens, three prizes	3	2	1
No. 368.	Anjou, twelve specimens, three prizes .	3	2	1
No. 369.	Bose, " " " .	3	2	1
No. 370.	Clairgeau, " " " .	3	2	1
No. 371.	Comice, " " " .	3	2	1
No. 372.	Dana Hovey, " " " .	3	2	1
No. 373.	Langlier, " " " .	3	2	1
No. 374.	Lawrence, " " " .	3	2	1
No. 375.	Seckel, " " " .	3	2	1
No. 376.	Sheldon, " " " .	3	2	1
No. 377.	Vicar, " " " .	3	2	1
No. 378.	Winter Nelis, " " " .	3	2	1
No. 379.	Any other variety, twelve specimens, three prizes	3	2	1

Marshall P. Wilder Fund.

No. 380.	GRAPES.— Native. Six bunches, Black, three prizes	3	2	1
No. 381.	Six bunches, White, three prizes	3	2	1
No. 382.	Six bunches, Red, three prizes	3	2	1
No. 383.	Collection, four varieties, six bunches each, three prizes	8	5	3

John S. Farlow Newton Horticultural Society Fund.

No. 384.	GRAPES.— Foreign. Any Black variety, two bunches, two prizes	8	4
No. 385.	Any White variety, two bunches, two prizes	8	4

Theodore Lyman Fund, No. 1.

No. 386.	QUINCES.— Any variety, twelve specimens, three prizes	3	2	1
No. 387.	CRANBERRIES.— One peck, three prizes . . .	3	2	1

Special Prize.

No. 388. **COLLECTION OF FRUIT.**—A \$50 Silver Cup is offered by the President of the Massachusetts Horticultural Society for the most effective comprehensive exhibit of Fruit grown by the exhibitor and covering a space of fifty sq. ft.

VEGETABLES.**Theodore Lyman Fund, No. 2.**

No. 389.	BEANS.—Collection dry beans for baking, four varieties, one pint each, three prizes . . .	\$5	\$3	\$2
No. 390.	One variety, one pint, three prizes . . .	3	2	1
No. 391.	BEETS.—Any variety, twelve specimens, three prizes	3	2	1
No. 392.	SWISS CHARD.—Four specimens, three prizes .	3	2	1
No. 393.	BRUSSELS SPROUTS.—Fifty specimens, three prizes	3	2	1
No. 394.	CABBAGE.—White, four specimens, three prizes	3	2	1
No. 395.	CARROTS.—Twelve specimens, three prizes .	3	2	1
No. 396.	CAULIFLOWER.—Four specimens, three prizes	4	2	1
No. 397.	CELERY.—Boston Market. Four heads, three prizes	4	2	1
No. 398.	White, Plume. Four heads, three prizes .	4	2	1
No. 399.	Any other variety. Four heads, three prizes .	4	2	1
No. 400.	ENDIVE.—Blanched, four heads, three prizes .	3	2	1
No. 401.	LEEKES.—Six specimens, three prizes . . .	3	2	1
No. 402.	LETTUCE.—Four heads, three prizes . . .	3	2	1
No. 403.	ONIONS.—Danvers, twelve specimens, three prizes	3	2	1
No. 404.	Ailsa Craig, twelve specimens, three prizes .	3	2	1
No. 405.	Any other yellow or straw-colored variety, three prizes	3	2	1
No. 406.	Any red variety, twelve specimens, three prizes	3	2	1
No. 407.	PARSLEY.—Four quarts, three prizes . . .	3	2	1
No. 408.	PARSNIPS.—Twelve specimens, three prizes .	3	2	1
No. 409.	PEPPERS.—Twelve specimens, three prizes .	3	2	1

Levi Whitcomb Fund.

No. 410.	POTATOES.—Green Mountain, twelve specimens, three prizes	4	2	1
No. 411.	Irish Cobbler, twelve specimens, three prizes .	4	2	1

No. 412.	Spaulding Rose, twelve specimens, three prizes	\$4	\$2	\$1
No. 413.	Any other variety, twelve specimens, three prizes	4	2	1

William J. Walker Fund.

No. 414.	PUMPKINS.—Sugar, four specimens, three prizes	3	2	1
No. 415.	Heaviest specimen, one prize	5		
No. 416.	RADISHES.—Winter type, twelve specimens, three prizes	3	2	1
No. 417.	SALSIFY.—Twelve specimens, three prizes	3	2	1
No. 418.	SQUASH.—Hubbard, two specimens, three prizes	3	2	1
No. 419.	Marblehead, two specimens, three prizes	3	2	1
No. 420.	Turban, two specimens, three prizes	3	2	1
No. 421.	Collection of squashes, two specimens of each variety, three prizes	8	6	4
No. 422.	TURNIPS.—Rutabaga type, six specimens, three prizes	3	2	1
No. 423.	Any other variety, six specimens, three prizes	3	2	1

Society's Prizes.

No. 424.	COLLECTION OF VEGETABLES.—Twelve varieties, arranged for effect, three prizes	20	10	5
No. 425.	Six varieties, arranged for effect, three prizes	10	5	3

NOTE.—Exhibitors can compete in only one collection of vegetables.

Benjamin V. French Fund, No. 2.

No. 426.	COLLECTION OF SALAD PLANTS.—Twelve varieties, three prizes. (Admissible in the competition for the Dowse Trophy)	8	4	2
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SPECIAL PRIZE.

No. 427.	COLLECTION OF VEGETABLES.—A \$50 Silver Cup is offered by the President of the Massachusetts Horticultural Society for the most effective comprehensive exhibit of Vegetables grown by the exhibitor and covering a space of fifty sq. ft.
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EXHIBITIONS OF THE MASSACHUSETTS HORTICULTURAL SOCIETY 1922

March 23-26. Spring Exhibition of Bulbous Plants. *Wednesday, 12 M. to 10 P. M., Thursday, Friday, Saturday, 10 A. M. to 10 P. M., Sunday, 1 to 10 P. M.*

May 4-11. Special Exhibition of New England Wild Flowers and Wild Ferns.

June 3-4. Rhododendrons, Azaleas, Irises. *Saturday, 12 M. to 9 P. M., Sunday, 1 to 9 P. M.*

June 17-18. Peony Exhibition. *Saturday, 12 M. to 9 P. M., Sunday, 1 to 9 P. M.*

June 24-25. Roses, Strawberries, Sweet Peas. *Saturday, 12 M. to 9 P. M., Sunday, 1 to 9 P. M.*

August 12-13. Gladiolus Exhibition. *Saturday, 12 M. to 9 P. M., Sunday, 1 to 9 P. M.*

August 26-27. Exhibition of the Products of Children's Gardens. *Saturday, 12 M. to 6 P. M., Sunday, 1 to 6 P. M.*

September 9-10. Dahlia and Fruit Exhibition. *Saturday, 12 M. to 9 P. M., Sunday, 1 to 9 P. M.*

November 4-5. Autumn Exhibition, Chrysanthemums. *Saturday, 12 M. to 10 P. M., Sunday, 1 to 10 P. M.*

In addition to the above one of the halls of the Society's building will be open for exhibits of new, rare, or improved varieties of Plants, Flowers, Fruits, and Vegetables every Saturday during the year for which suitable recognition will be made. These exhibitions will be open from 12 M. to 2 P. M. unless otherwise stated in the Schedule.

Intending exhibitors must file a notice with the Secretary of the Society at least three days in advance that the proper committee may be notified to be in attendance.

The Library of the Massachusetts Horticultural Society

Attention is called to the advantages offered by the library of the Society.

All persons interested in horticulture are cordially invited to visit the library, and the librarian and his assistants are always ready to extend every facility possible to those in search of horticultural information.

The library is open on week days from 9 A. M. to 5 P. M., and on Exhibition Sundays from 1 to 6 P. M.





